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ALASKA SUBMERGED LANDS ACT REPORT,

ANALYSIS OF INHOLDINGS, ACQUISITION PRIORITIES AND RECOMMENDATIONS
TO REDUCE IMPACTS ON CONSERVATION SYSTEM UNITS IN ALASKA,

AUGUST 1990



U.S. FISH AND WILDLIFE SERVICE
BUREAU OF LAND MANAGEMENT
NATIONAL PARK SERVICE
USDA FOREST SERVICE



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INTRODUCTION

This report satisfies a requirement established by the Alaska Submerged Lands Act of 1988, Public Law 100-395. This Act instructed the Secretary of the Interior to prepare a report on the effects of the Act on Conservation System Units and to recommend appropriate action.

This Act confirmed that land conveyances under the Alaska Statehood Act and the Alaska Native Claims Settlement Act are to be consistent with the Bureau of Land Management "Manual of Surveying Instructions." The instructions provide that beds of lakes equal to or larger than 50 acres, and beds of streams and rivers equal to or wider than 3 chains (198 feet), will not be charged against Native or State land entitlements. The effect will be that the Native corporations and the State will receive additional upland acres in Alaska. The Act also provides that acreage charged against the entitlement of the State of Alaska and Alaska Native corporations for earlier conveyances may be adjusted to the above criteria.

SCOPE OF REPORT

In clarifying the conveyance and ownership of submerged lands by Alaska Natives, Native corporations and the State of Alaska, Congress recognized that the Act would result in conveyance of additional upland acreage, including lands within Conservation System Units. Therefore, Congress directed the Secretary of the Interior to prepare a report that considers the effects of the implementation of the Act on Conservation System Units. Conservation System Units are any units in Alaska of the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, or a National Forest Monument. The Conservation System Units do not include National Forest System land outside Wilderness. (See Figure 1).

Congress directed that the report shall contain, at a minimum:

- A. An identification and estimation of the acreage of all lands currently patented to or selected by a Native, Native corporation, or the State within the boundaries of Conservation System Units;
- B. Priorities for possible acquisition of lands currently patented to or selected by a Native, Native corporation, or the State, within the boundaries of Conservation System Units; and
- C. Recommendations for administrative or Congressional action deemed appropriate to reduce any adverse effects of this Act on the management of lands or resources within Conservation System Units.

Congress directed that the lands described above be inventoried and that acquisition priorities be developed for lands in these categories. As indicated, these were minimum requirements to be included in this report.

Figure 1

STEM UNITS OF ALASKA

National Wildlife Refuge System

- | | |
|-------------------------|--------------------|
| 1 Alaska Maritime NWR* | 7 Kanuti NWR |
| a Chukchi Sea Unit | 8 Kenai NWR |
| b Bering Sea Unit | 9 Kodiak NWR |
| c Aleutian Islands Unit | 10 Koyukuk NWR |
| d Alaska Peninsula Unit | 11 Nowitna NWR |
| e Gulf of Alaska Unit | 12 Selawik NWR |
| 2 Alaska Peninsula NWR | 13 Tetlin NWR |
| 3 Arctic NWR | 14 Togiak NWR |
| 4 Becharof NWR | 15 Yukon Delta NWR |
| 5 Innoko NWR | 16 Yukon Flats NWR |
| 6 Izembek NWR | |

Refuge



Wilderness

*The Alaska Maritime National Wildlife Refuge consists of all the public lands in the coastal waters and adjacent seas of Alaska consisting of islands, islets, rocks, reefs, capes and spires

National Wild and Scenic Rivers System



32 (26) Rivers

National Forest System

- 33 Chugach Nat'l Forest
34 Tongass Nat'l Forest

- 35 Admiralty Island Nat'l Monument
36 Misty Fjords Nat'l Monument

Forest



Wilderness

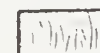
National Park System

- 17 Aniakchak Nat'l Monument and Preserve
18 Bering Land Bridge Nat'l Preserve
19 Cape Krusenstern Nat'l Monument
20 Denali Nat'l Park and Preserve
21 Gates of the Arctic Nat'l Park and Preserve
22 Glacier Bay Nat'l Park and Preserve

- 23 Katmai Nat'l Park and Preserve
24 Kenai Fjords Nat'l Park
25 Kobuk Valley Nat'l Park
26 Lake Clark Nat'l Park and Preserve
27 Noatak Nat'l Preserve
28 Wrangell Saint Elias Nat'l Park and Preserve
29 Yukon Charley Rivers Nat'l Preserve
37 Klondike Gold Rush Nat'l Historic Park
38 Sitka Nat'l Historic Park

Park, Monument

Preserve



Wilderness

Bureau of Land Management System

- 30 Steese Nat'l Conservation Areas
31 White Mountains Nat'l Recreation Area

NCA, NRA

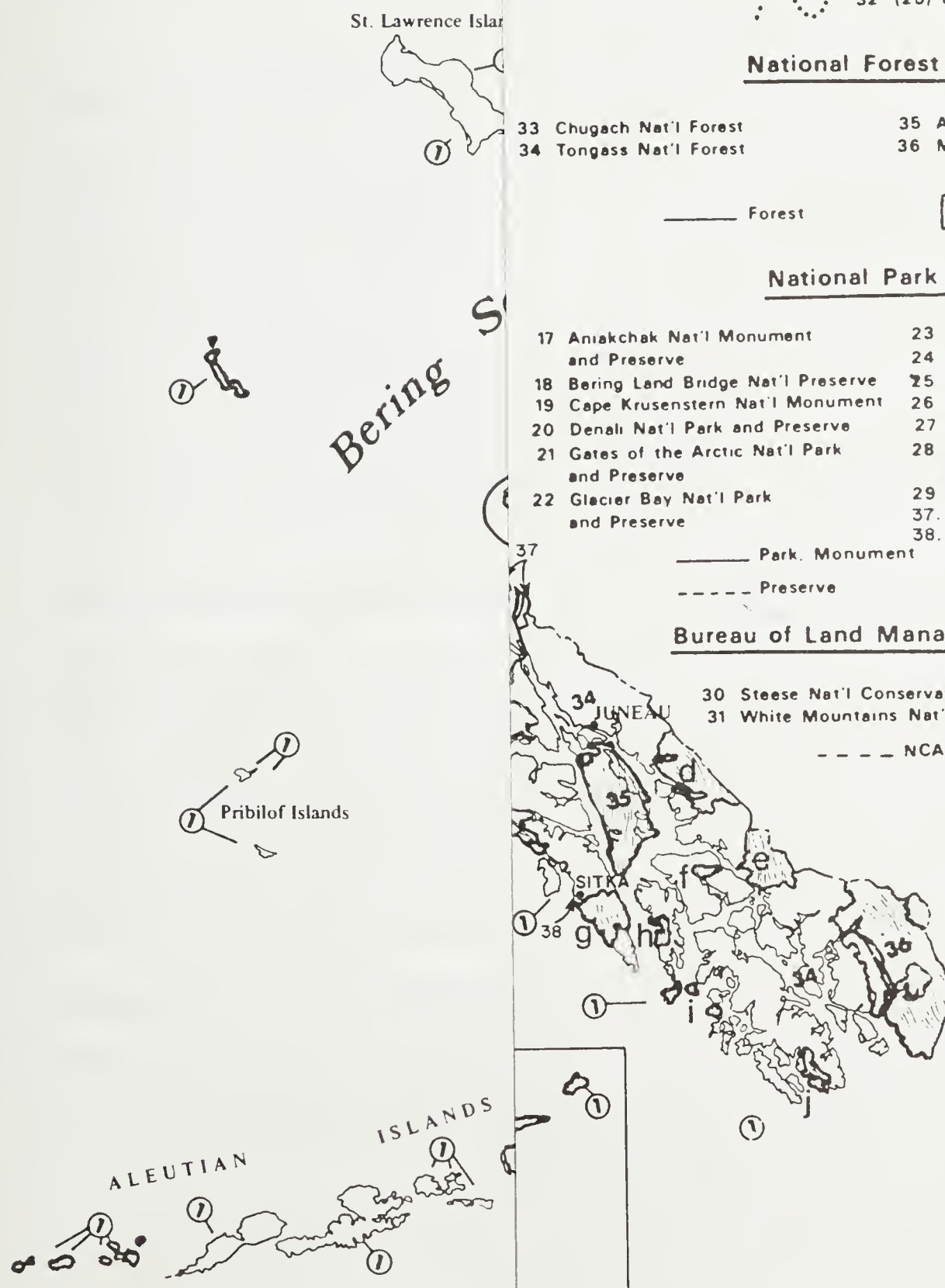
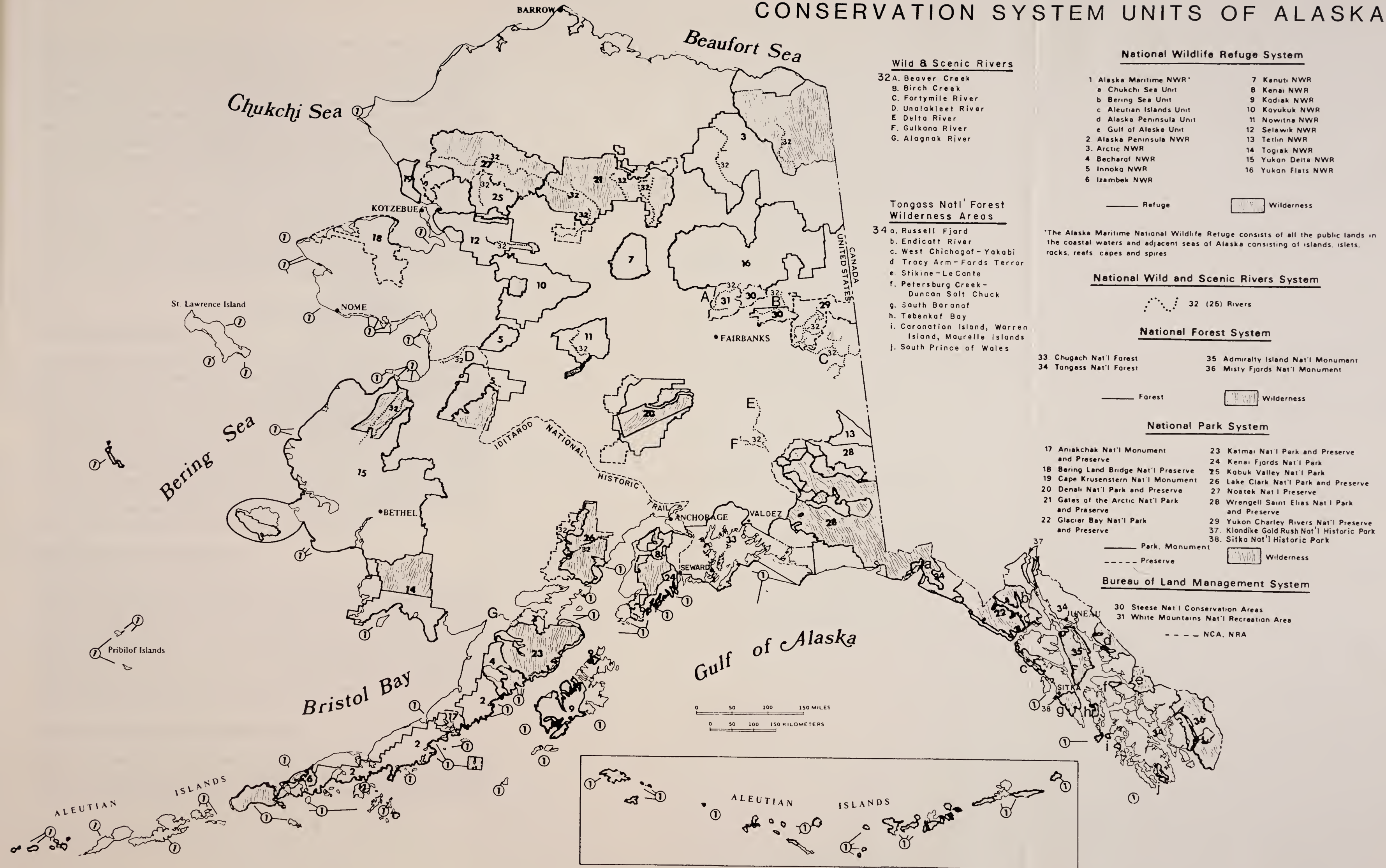


Figure 1

CONSERVATION SYSTEM UNITS OF ALASKA





The agencies determined that there were sound reasons for including additional categories of inholdings in this report. Therefore, the agencies responding to the Alaska Submerged Lands Act reporting requirements elected to expand the scope to include National Conservation Areas and National Recreation Areas managed by the Bureau of Land Management, as well as lands within the Conservation System Units which are owned by other than Natives, Native corporations or the State. Examples of other types of inholdings include homesteads, homesites, trade and manufacturing sites and lands patented pursuant to the Mining Law of 1872. This category is small, representing less than 0.27 percent of all inholdings, but may include some high priority tracts for acquisition within certain Conservation System Units. The locations selected for these types of entries are often at key points within the Conservation System Units, such as along natural travelways. These tracts can exert a strong influence on adjacent Federal lands, and identification and prioritization for acquisition provides as complete a picture as possible of the impacts and land acquisition opportunities in the Conservation System Units.

HISTORY OF LAND STATUS

Alaska Statehood Act

The Alaska Statehood Act and other State grants authorized the conveyance of about 104,525,000 acres to the State of Alaska. Approximately 81 percent of this entitlement has been conveyed by tentative approval or patent to the State of Alaska. When all lands have been conveyed, the State of Alaska will own approximately 28 percent of all lands in Alaska (see Figure 2). The State may claim title to submerged lands under navigable waters based on the equal footing doctrine in the case of inland waters or the Submerged Lands Act in the case of coastal waters. If title to lands underlying waters belongs to the State based on either theory, that land is not charged against the State's entitlement under the Alaska Statehood Act and is not available to fulfill the Native's entitlement under the Alaska Native Claims Settlement Act unless reserved at the time of Statehood.

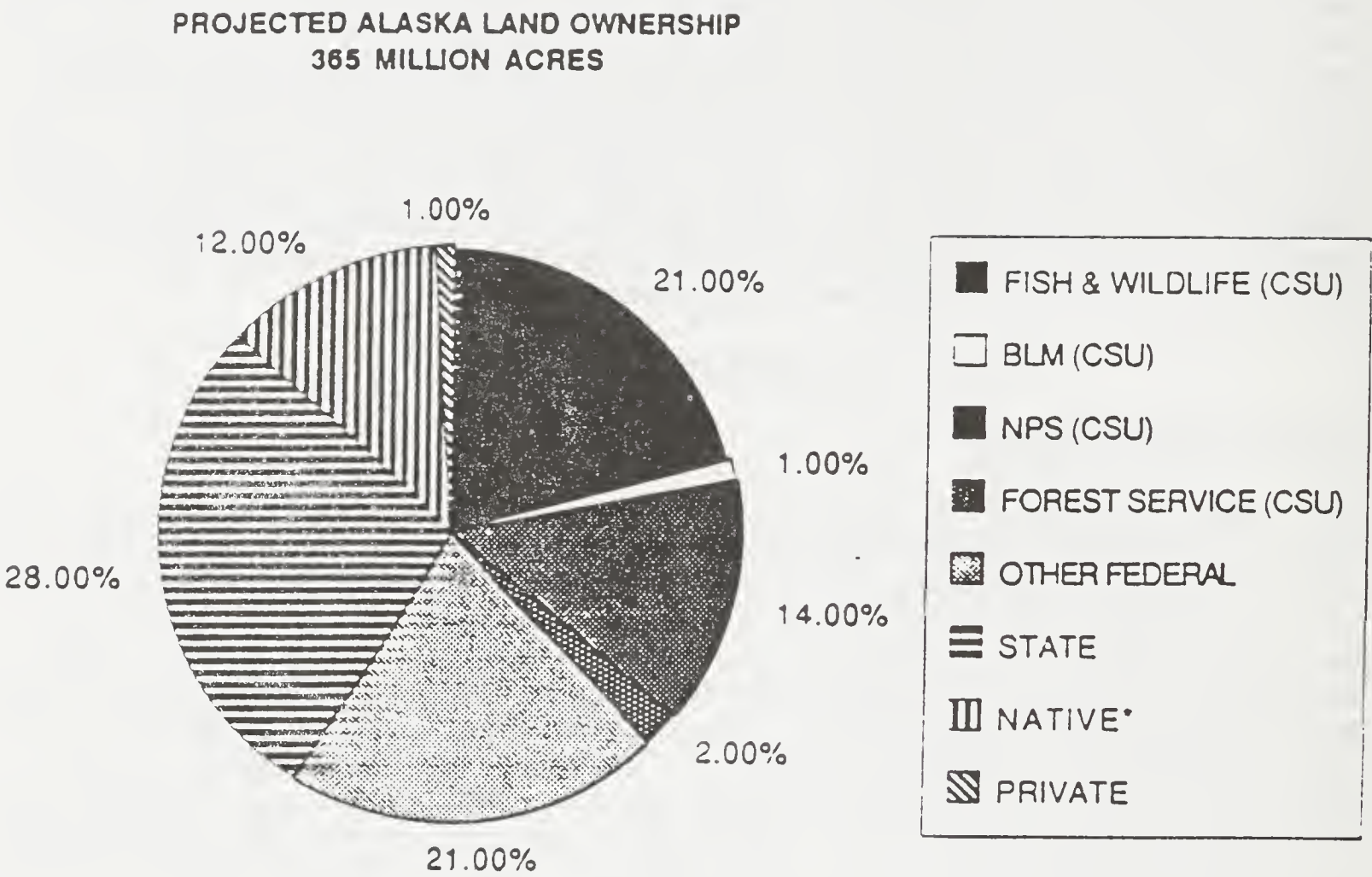
Alaska Native Allotment Act

The Alaska Native Allotment Act of 1906 authorized individual Indians, Aleuts, and Eskimos of Alaska to acquire one or more parcels of non-mineral land totaling not more than 160 acres. This Act was repealed by the passage of the Alaska Native Claims Settlement Act on December 18, 1971. Approximately 10,000 Native allotment applications have been filed with the Bureau of Land Management. They contain nearly 1.5 million acres in approximately 15,000 parcels. It is assumed that approximately 80 percent of the allotment parcels will be approved. Nearly 6,000 of these allotments are within Conservation System Units.

Alaska Native Claims Settlement Act

The Alaska Native Claims Settlement Act provided a settlement of all land claims by Natives and Native groups of Alaska based on aboriginal rights. Two hundred thirteen Native village corporations and thirteen Native regional

FIGURE 2



*NATIVE CORPORATIONS & ALLOTMENTS

corporations were established. Under this Act, all villages and twelve of the thirteen regional corporations were entitled to land or interests in land. Village corporation entitlement was based on population; regional corporation entitlement was based on the size of the regions and the number of acres in village selections. When all entitlements have been conveyed, Native corporations will own approximately 12 percent of lands in Alaska. See Figure 2.

Twenty-two million acres are to be conveyed to villages under section 12(a) and 12(b) of the Alaska Native Claims Settlement Act. Currently there are 173 corporations representing 213 villages eligible for lands. To date approximately 81 percent of the villages' entitlement has been conveyed by interim conveyance. Patents still must be issued for these lands once they are surveyed.

The total conveyed consists of 85 percent of the section 12(a) and 21 percent of the section 12(b) entitlements. The section 12(b) conveyances are dependent upon the finalization of the reallocation of acreages by the regional corporations to the villages. Not all of the reallocations have been made by the regional corporations. There are no statutory or regulatory deadlines for this process. This has delayed the finalization of village conveyance priorities and thus resolution of land ownership patterns in the Conservation System Units.

Regional corporations are entitled to 15,769,600 acres pursuant to section 12(c). This section authorized regional corporations to select land based on a formula involving land areas in each region and village selection. Because of this formula, only six regional corporations are entitled to lands under section 12(c) of the Alaska Native Claims Settlement Act. Currently 80 percent of regional entitlement has been conveyed through interim conveyance procedures or patent.

Regional corporations are entitled to the subsurface estate underlying all village lands conveyed pursuant to section 12. Certain exceptions were made in existing National Wildlife Refuges and lands reserved for national defense purposes where in lieu selection rights in other areas were provided. The surface/subsurface ownership pattern has the potential to significantly increase the work and cost involved in acquisition of inholdings. To acquire fee title of an entire estate, all negotiations, transactions, etc., must be conducted with two parties, the surface owners and subsurface owners.

The ten village corporations in Southeast Alaska were authorized entitlements totaling 230,400 acres pursuant to section 16. To date these village corporations have received interim conveyance or patent to approximately 95 percent of this entitlement. No further conveyances will be made until after these lands have been surveyed and additional lands are prioritized.

Section 14(h) authorized the Secretary to withdraw and convey 2 million acres for cemetery and historical sites, Native groups, Natives residing in the cities of Sitka, Kenai, Kodiak, and Juneau, Native Primary Places of Residence, and other regional selections. This section also provided that acreage of Native allotments approved in the first four years after the

passage of the Alaska Native Claims Settlement Act would be charged against this entitlement. To date 30 percent of the total entitlement under section 14(h) has been conveyed by interim conveyance or patent.

Alaska National Interest Lands Conservation Act

In 1980 the Alaska National Interest Lands Conservation Act was passed by Congress. This Act created Conservation System Units in Alaska by expanding the boundaries of existing units of the National Parks and Wildlife Refuge Systems, and by creating new units. Additionally, it established a national conservation area and national recreation area. See Figure 1. Approximately 134 million acres are within the boundaries of these Conservation System Units. These Conservation System Units are administered by the National Park Service (NPS), the USDA Forest Service (FS), the U.S. Fish and Wildlife Service (FWS) and the Bureau of Land Management (BLM). See Figure 3.

A brief description of the structure of Conservation System Units by agency follows:

National Park Service

The National Park Service administers 16 Conservation System Units in Alaska, including parks, historical parks, preserves, monuments and wild rivers. These units total approximately 54.7 million acres. Within these units there are about 470,000 acres conveyed to the State of Alaska, 1,358,000 acres conveyed to Native corporations, 38,000 acres of approved and/or certificated Native allotments and 21,000 acres of other privately owned lands. Within these units there are also land selections by Native corporations of approximately 2,326,000 acres and by the State of 26,000 acres, as well as 26,000 acres of Native allotment selections. A portion of these selections will ultimately be conveyed out of Federal ownership. See Figure 3 and Table 1.

USDA Forest Service

The USDA Forest Service administers the Chugach and Tongass National Forests, containing some 22.5 million acres of Federal land of which some 5.6 million acres are included in Conservation System Units established by the Alaska National Interest Lands Conservation Act.

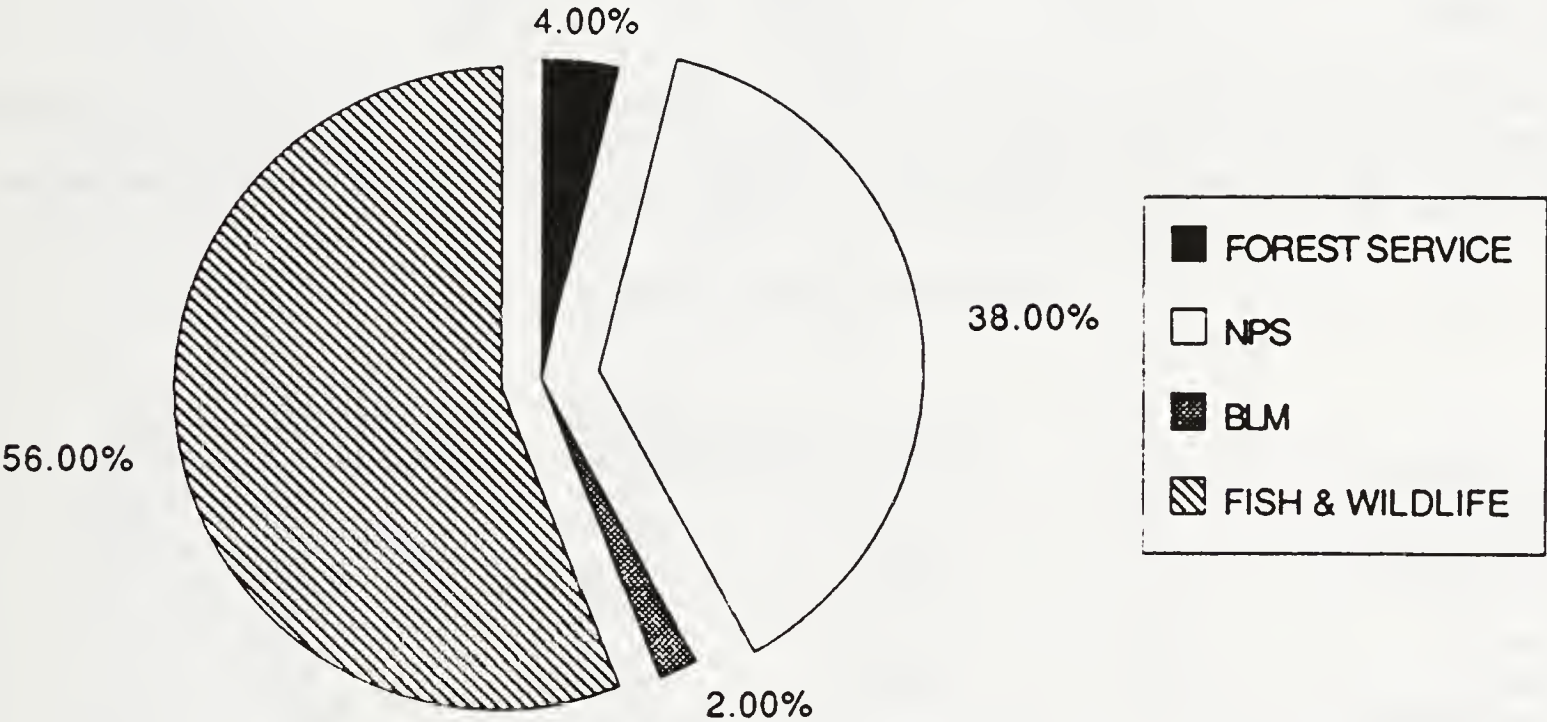
There are 16 Conservation System Units which include 14 units of the National Wilderness Preservation System and 2 National Monuments. In addition, National Recreation Trails outside other Conservation System Units have been designated. About 5,300 acres are owned by the State or private entities and about 31,000 acres are owned by Natives and Native corporations. There are approximately 50 miles of trail included in the National Recreation Trails System.

U.S. Fish and Wildlife Service

The Fish and Wildlife Service administers 16 National Wildlife Refuges in Alaska which encompass approximately 77 million acres. There are two National Recreation Trails of approximately 140 miles in length within the

Figure 3

CONSERVATION SYSTEM UNIT (CSU) ADMINISTRATION BY AGENCY
134.3 MILLION ACRES



INHOLDING ACREAGE STATUS
(IN '000'S)

AGENCY	STATE	NATIVE CORPORATION	NATIVE ALLOTMENTS	OTHER
F & WS	1336	21065	553	46
NPS	496	3684	64	21
USFS	1	31	0 *	5
BLM	55	12	4	1
TOTALS	1888	24793	621	73

*INCLUDES 241 NA ACRES

TABLE 1
MAXIMUM ANTICIPATED UPLAND ACREAGES TO BE CONVEYED FROM WITHIN CSU'S
FISH AND WILDLIFE SERVICE

<u>CSU</u>	<u>STATE</u>	<u>NATIVE CORPORATION</u>	<u>NATIVE ALLOTMENTS</u>	<u>OTHER</u>
Kanutu	0	324,233	2,119	5
Nowitna	178,505	154,706	2,025	5
Innoko	68,813	541,517	13,858	13
Becharof	67,536	11,667	305	163
Selawik	0	693,288	44,472	10
Kenai	12,356	164,569	485	73
Kodiak	35,232	276,766	13,541	1,337
Arctic	0	162,549	29,483	30
Togiak	0	579,652	46,386	651
Yukon Flats	0	1,935,710	49,353	1,641
Ak. Peninsula	711,444	957,605	9,067	1,346
Yukon Delta	66,571	5,638,932	355,401	3,832
Maritime	128,855	747,729	11,848	13,091
Izembek	0	41,922	0	0
Tetlin	69,237	97,788	7,262	176
Koyukuk	0	190,681	16,294	12
TOTAL ACRES	1,338,549	12,572,697*	601,899	22,385

*Total does not include NANA's 12(b) selection of 205,288 acres that could come from Selawik NWR or one of the Park Service CSU's; nor does it include 292,037 acres of NANA's 12(c) selection that could come from Selawik NWR or Park Service CSU's as noted: total does include 53,383 acres of Aleut Corporation 14(h)(8) selection that could come from Ak. Peninsula, Ak. Maritime or Izembek NWR's.

NATIONAL PARK SERVICE

<u>CSU</u>	<u>STATE</u>	<u>NATIVE CORPORATION</u>	<u>NATIVE ALLOTMENT</u>	<u>OTHER</u>
Yukon-Charlie River	0	393,889	845	179
Lake Clark	12,484	495,018	9,298	868
Gates of the Arctic	560	257,953	6,445	55
Katmai	48,792	22,280	2,544	0
Kobuk Valley	0	104,531	8,027	5
Aniakchak	5,296	15,020	240	0
Bering Land Bridge	0	82,432	12,298	0
Denali	5,295	60,949	830	1,291
Cape Krusenstern	342	157,702	9,955	0
Glacier Bay	118	0	1,412	587
Kenai Fjords	30,391	146,624	120	5
Noatak	15,701	154,240	4,877	0
Wrangell-St. Elias	127,276	786,499	4,592	4,441
Klondike Gold-Rush	61,713	41,922	0	0
Alagnak River	0	2,288	547	0
TOTAL ACRES	307,968	2,721,347*	62,030	7,431

*Total does not include 292,087 acres of NANA's 12(c) selection which could come from Noatak (138,537), Bering Land Bridge (55,050) or Cape Krusenstern (98,500) CSU's or Selawik NWR; nor does it include the 205,288 acres of NANA's Section 12(b) that may come from Bering Land Bridge, Cape Krusenstern, Noatak, or from Selawik National Wildlife Refuge. (continued next page)

TABLE 1 - Continued

BUREAU OF LAND MANAGEMENT

<u>CSU</u>	<u>STATE</u>	<u>NATIVE CORPORATION</u>	<u>NATIVE ALLOTMENTS</u>	<u>OTHER</u>
Delta River	1,395	0	160	280
Gulkana River	38,341	2,565	160	10
Fortymile River	0	0	10	732
Unalakleet River	0	1,280	2,662	0
White Mountain	0	0	80	81
Steese	14,290	0	40	0
Birch Creek	0	7,900	320	15
Idatarod Trail	539	210	90	10
TOTAL ACRES	54,565	11,955	3,522	1,128

FOREST SERVICE

<u>CSU</u>	<u>STATE</u>	<u>NATIVE CORPORATION</u>	<u>NATIVE ALLOTMENTS</u>	<u>OTHER</u>
Admiralty (Wilderness)	365	30,936	0	1,381
Admiralty (Non-Wilderness)	0	0	0	82
Coronation Island	0	0	0	0
Endicott River	0	0	0	0
Maurelle Island	0	0	0	0
Misty Fjords (Wilderness)	0	48	0	587
Misty Fjords (Non-Wilderness)	0	0	0	647
Petersburg Creek/Duncan	0	0	0	78
Russell Fjords	0	0	0	0
South Baranof	0	0	0	0
South Prince of Wales	0	36	0	8
Stikine-LeConte	0	0	0	1,025
West Chicagof-Yakobi	365	30	0	738
Tebenkof Bay	0	30	0	0
Tracy Arm-Fords Terror	0	6	0	0
Warren Island	0	0	0	0
TOTAL ACRES	730	31,086	0	4,546
GRAND TOTALS	1,701,812	15,834,460	667,451	35,490

*Grant total includes the 205,288 acres of NANA's 12(b) and 292,087 of NANA's 12(c) that were not included in a specific agency total.
January 1989

Kenai National Wildlife Refuge, and 7 units of the Wild and Scenic Rivers System within various refuges. Within Alaskan refuges there are approximately 1,300,000 acres of State selections and conveyances, 27 million acres of Native village and Regional corporation selections and conveyances, 500,000 acres of Native allotments and 50,000 acres of conveyances under other public land laws.

Bureau of Land Management

The Bureau of Land Management administers a total of 8 Conservation System Units. There are six components of the National Wild and Scenic Rivers System, one Historic Trail and one National Recreation Trail established by the Secretary of Interior under the National Trail System Act. In addition, a National Conservation Area and a National Recreation Area are managed under similar management practices as Conservation System Units. The 940 miles of primary route and 1326 miles of connecting routes comprising the Iditarod National Historic Trail cross lands administered by the Bureau of Land Management, the Fish and Wildlife Service and the Forest Service, however, the Bureau of Land Management has been delegated the responsibility for the administration of the Iditarod National Trail by the Secretary of the Interior. These areas encompass approximately 2.6 million acres. Approximately 36,000 acres of State or other individual private or selected lands are located within or directly impact these management units. Another 12,000 acres of Native corporation and 3500 of Native allotment selections or conveyances are also located within these management units.

ACQUISITION POLICY

The Federal agencies managing the Conservation System Units acquire lands and waters consistent with law, regulations and established agency policies and practices. The policy is to acquire land when other methods of achieving program goals and objectives are not appropriate, available, or effective. There is no assumption that all private lands or interests inside the boundaries of the Conservation System Units will or should be acquired. Normally, when conditions require an acquisition, the minimum interest necessary to reach management objectives will be acquired.

Implementation of this policy normally requires the development of a land protection plan or other acquisition plan. In most instances these are "step down" plans from basic or broad plans, such as the Comprehensive Conservation Plans, or National Forest Land and Resource Management Plans. These broad plans provide programmatic guidance for management of Conservation System Units. These plans are legislatively mandated and have been developed with full cycles of public involvement.

Prior to acquisition of lands, the agencies will develop individual acquisition or protection plans for each Conservation System Unit. These acquisition or land protection plans analyze in detail resource and management concerns for specific tracts of lands. Inholdings will be assessed to determine the level of protection needed and recommendations for adequate protection methods. These acquisition or land protection plans are developed with full public involvement and are the documents on which

acquisition decisions are based. The National Park Service has completed land protection plans for 13 of the 16 Conservation System Units it manages in Alaska. The other bureaus responsible for preparing this report have not yet formulated such detailed plans.

ACQUISITION METHODS

There are two general approaches which Federal agencies can use to assure that non-Federal lands do not detract from the purposes for which a Conservation System Unit is established. These include:

A. Agreements. Under an agreement the landowner would generally agree to manage inholdings in a manner consistent with the purposes of the Conservation System Unit. This technique is applicable to inholdings on which the objectives of the landowner are consistent with those of the concerned Federal agency.

The Alaska Land Bank Program (section 907 of the Alaska National Interest Lands Conservation Act) also offers protection to lands within or adjacent to Conservation System Units in certain situations. However, the usefulness of the Land Bank Agreements for Native lands was affected by the passage of Public Law 100-241 of 1988, which provides certain land protection benefits, such as non-taxation and protection from adverse possession if Native lands are not developed. Therefore, important incentives for committing Native lands to a Land Bank Agreement have been eliminated.

B. Federal Acquisition. The Federal government is authorized to acquire lands or interests in lands. An acquisition can range from a partial interest, such as a conservation easement, to acquisition of fee title. Acquisitions can be accomplished by a variety of methods. These include:

1. Donation. Federal agencies are authorized to accept donations of land or interests in land within Conservation System Units where the donation will further the purposes for which the Conservation System Unit was established. With recent changes in the tax laws, landowners may be less inclined to consider this approach.

2. Land Exchange. The Alaska National Interest Lands Conservation Act authorizes exchanges of land for equal value, or for other than equal value where the exchange is determined to be in the public interest. Land exchanges may involve Federal and non-Federal lands that lie entirely within Conservation System Units, but can also involve Federal lands outside Conservation System Units. Exchange is a preferred approach by Federal agencies in Alaska.

3. Purchase from Willing Sellers. Federal agencies are authorized to purchase interests in land ranging from conservation easements to fee title under the Land and Water Conservation Fund program.

4. **Condemnation.** Use of condemnation procedures is strictly limited in Conservation System Units by the Alaska National Interest Lands Conservation Act. Any acquisition must be from a willing seller when land is owned by the State, Native corporations or certain categories of individuals, as provided by section 1302 of the Alaska National Interest Lands Conservation Act.

ESTABLISHMENT OF PRIORITIES FOR ACQUISITION

Section 103(b)(2) of the Alaska Submerged Lands Act requires establishment of priorities for acquisition of patented or selected lands within the boundaries of the Conservation System Units. The four agencies involved in preparation of this report agreed to display priorities for acquisition in four common categories: high, medium, low and not appropriate for acquisition. In addition, lands in lower priority groups may be acquired before lands in higher priority groups, depending upon their availability and upon the availability of federal funding and suitable Federal lands for exchange.

The majority of inholdings within the Conservation System Units can be acquired only from a willing seller. An offer from a willing seller may elevate an inholding's priority for acquisition. There are inholdings ranked as high priority for possible acquisition that for various reasons may never be available. Other inholdings which are ranked as medium or low by the agencies for acquisition may have a willing seller and the agencies may want to take advantage of a window of opportunity to acquire these lands.

The overall summary of priorities for possible land acquisition within the Conservation System Units in Alaska is displayed in the following table. The relative priorities among the Federal agencies involved are thought to be equivalent, that is to say a high priority for the National Park Service is equivalent to a high priority for the Bureau of Land Management, Forest Service or Fish and Wildlife Service.

The criteria used to determine these priorities were developed by each agency based on the purposes for which the Conservation System Unit was established. The criteria are contained in Appendices A-D, along with tables which display the results of application of these criteria to inholdings within the Conservation System Units managed by each agency. Common criteria used by all the agencies include: 1) purposes for which the Conservation System Unit was established; 2) other legal requirements such as the Endangered Species Act; 3) protection of critical resources; 4) public use and access; 5) threat of development which is inconsistent with the purposes for which the Conservation System Units were established; and 6) recognition of subsistence use as established by the Alaska National Interest Lands Conservation Act. These criteria were applied to all non-Federal land within the Conservation System Units by field personnel most familiar with the Conservation System Units' resources. The National Park Service, USDA Forest Service and the Bureau of Land Management produced the information using established planning processes. The Fish and Wildlife Service undertook an accelerated inventory and modeling in response to this Act.

SUMMARY DISPLAY - ALASKA
CONSERVATION SYSTEM UNIT
LAND ACQUISITION PRIORITIES

SEPTEMBER 1989

Priorities for Acquisition
(Acres in Thousands)

<u>Agency</u>	<u>Total Acreage of Priorities</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Appropriate for Acquisition</u>
Fish & Wildlife Service	23,970	8,212	7,710	8,048	
Bureau of Land Management	70	41	17	12	1
National Park Service	2,113	531	1,477	105	1,824
USDA Forest Service	27	7	2	18	9

Because the Fish and Wildlife Service, Forest Service and Bureau of Land Management have not yet completed detailed land protection planning documents, those bureaus priority lists in this report are considered to be preliminary. The lists are also preliminary for the three Park Service units that have no completed land protection plans.

The priority lists contained in the appendices to this report will be integrated into the "Land and Water Conservation Fund Ranking System" endorsed by the Office of Management and Budget and the Department of the Interior and Department of Agriculture. These priority lists are based upon resource and other values and are the first step in the Department's land acquisition process. The acquisition priorities listed in Appendices A through D receive further prioritization by each Agency's Washington Office prior to a yearly budget submittal of proposed acquisition. This yearly submittal is processed through the Land and Water Conservation Fund Ranking System prior to any Departmental requests to Congress for acquisition funding.

As indicated above, the priority lists are based on criteria related to important resources and public uses. In many instances, current uses of non-Federal lands within the Conservation System Units pose no threat to these units, and in fact current uses may be compatible with the Conservation System Units. There is generally no need for agencies to acquire an interest in lands where the uses of these lands are compatible within the Conservation System Unit. In some instances, there are mechanisms in place which make

uses of non-Federal lands at least partially compatible with the purposes of the Conservation System Units. For example, the State of Alaska owns the lands beneath navigable waterways except in pre-statehood Conservation System and Military Reservation Units. The State constitution and statutes provide that such waterways will be managed in trust for the people of the State. These provisions assure that the public will have the ability to access and use the waterways and submerged lands, and therefore eliminate or minimize the need for Federal agencies to acquire interests to make these lands and waterways available for public use.

Past Acquisitions in Conservation System Units

Since the passage of the Alaska National Interest Lands Conservation Act in 1980 and the creation of the Conservation System Units, there have been few land acquisitions by the managing agencies. Although there have been many offers to sell lands or interests in lands in the Conservation System Units, the agencies have not in most instances had available funding to make such acquisitions. What follows is a general description of the completed land acquisitions in the Conservation System Units. This description is intended to provide readers with an idea of the magnitude of land acquisition activities by the agencies. All the following land acquisitions have been from willing sellers.

The USDA Forest Service has completed one acquisition of a small tract within a Conservation System Unit. The Bureau of Land Management has acquired no lands within Conservation System Units since their creation.

The U.S. Fish and Wildlife Service has completed several land exchanges and purchases of small tracts for refuge administration or housing outside of refuges and three small parcels inside Kodiak Refuge boundaries, and has also entered into Alaska Land Bank agreements with Native corporations.

The National Park Service has purchased small tracts for administrative sites both within and outside Conservation System Units. Several large tracts of unpatented mining claims have been donated within Conservation System Units managed by the Park Service. A few small tracts have been purchased to protect important park resources, and several acquisitions of small tracts have occurred in response to offers from landowners suffering hardships. The Park Service has concluded land exchanges with a Native corporation that consisted of large tracts of lands, and has purchased a conservation easement on a large tract from another Native corporation.

EFFECTS OF IMPLEMENTATION OF SECTION 101 OF THE ALASKA SUBMERGED LANDS ACT ON CONSERVATION SYSTEM UNITS

The Bureau of Land Management developed an estimate of the acreage of non-navigable, meanderable water bodies on land selected by or conveyed to the State or Native corporations. This estimate was used as a part of Congressional discussions prior to enactment of the Alaska Submerged Lands Act. It has been determined that these estimates are still valid, therefore no change in these figures has occurred following passage of the legislation. There are no better or more current figures available.

The objective of the Bureau of Land Management study was to calculate the acreage of submerged lands that would be affected by the Act. This estimate was developed based on terrain features (mountain, rolling and flat) and associated drainage characteristics. An adjustment was made for navigability, based on Bureau of Land Management administrative determinations. The affected parties were in agreement with the estimates.

The overall effect of implementation of this Act will be the conveyance of an estimated additional 713,000 acres of Federal land to the Native corporations within Conservation System Units. Regional corporations will receive about 72,000 additional acres and village corporations will receive about 641,000 acres. The State of Alaska will not receive any additional lands from within Conservation System Units. Table 2 shows the estimated distribution of non-navigable submerged lands by village and regional corporation within the Conservation System Units.

An accurate estimate of the amount or location of land within Conservation System Units affected by implementation of this Act cannot be given at this time because of uncertainties regarding final land ownership in the Units. Three factors involving Native selections and two involving finality of State submerged land ownership exist which preclude the agencies from giving a definitive answer. These factors are presented as issues affecting Conservation System Units in section VIII of this report and include: 1) non-allocation of entitlement under section 12(b) of the Alaska Native Claims Settlement Act to villages by their regional corporations; 2) non-prioritization of lands selected by the villages under section 12(b) of the Alaska Native Claims Settlement Act; 3) Native selections in excess of remaining entitlements; 4) changing standards for navigability; and 5) title to submerged lands in pre-statehood withdrawals.

With an additional 713,000 acres of Federal lands within Conservation System Units being conveyed to Native corporations as a result of the Alaska Submerged Lands Act, certain effects will result. Developments may occur on these lands that may be determined to be incompatible with management of adjacent Federal lands. Such developments might include resource extraction (mining, timber harvest, oil and gas development, etc.), large and small scale facilities, and construction of transportation systems. Additionally, these private lands could be closed to use by the visiting public.

Given the remote location of most of the estimated 713,000 additional acres to be conveyed in Conservation System Units, it is expected that incompatible uses will occur on only a small percentage of these lands in the next ten years. As incompatible uses do develop, it will be necessary for the affected land managing agencies to attempt to prevent damage to Conservation System Unit resources and values by various means, including land acquisition in some cases. Because the Alaska National Interest Lands Conservation Act requires that Native corporation land can be acquired only with the consent of its owners, if incompatible uses do develop on this land, they can not necessarily be resolved by the land managing agencies. However, many Native corporations have indicated a willingness to either exchange or sell lands.

TABLE 2

ESTIMATED NON-NAVIGABLE SUBMERGED LANDS
BY VILLAGE & REGIONAL CORPORATION
IN CONSERVATION SYSTEM UNITS

CONSERVATION SYSTEM UNIT	VILLAGE SUBMERGED LANDS ACRES IN CSU'S	REGION SUBMERGED LANDS ACRES IN CSU'S	TOTAL
<u>NWR SYSTEM</u>			
ALASKA MARITIME	7,840		7,840
ALASKA PENINSULA	1,597		1,597
ARCTIC	4,298		4,298
INNOKO	1,157	7,657	8,814
KANUTI	345	9,955	10,300
KENAI	2,302		2,302
KOYUKUK	6,785	9,189	15,974
NOWITNA	17	1,531	1,548
SELAWIK	47,764	2,297	50,061
TETLIN	2,932		2,932
TOGIAK	4,345		4,345
YUKON DELTA	488,479		488,479
YUKON FLATS	56,646	39,053	95,699
TOTALS	624,507	69,682	694,189

NPS

KOBUK VALLEY	133		133
BERING LAND BRIDGE	7,516		7,516
GATES OF THE ARCTIC	539		539
LAKE CLARK	2,262		2,262
WRANGELL-ST. ELAIS	5,658	2,199	7,857
YUKON CHARLEY	41		41
TOTALS	16,149	2,199	18,348

FOREST SYSTEM

ADMIRALTY ISLAND	500		500
TOTAL VILLAGE AND REGION	641,156	71,881	713,037

January 1989

UNDERSELECTED VILLAGES

REGION/VILLAGE		12 (a)		12 (b)				January 1989
	Entitlement	Overselection	Undersélection	Reallocation	Overselection	Undersélection	Submerged Ac.	CSU Name
ALEUT								
Nelson Lagoon	69,120		3,728	0			4,992	AK.MARITIME NWR
Pauloff Harbor	69,120		1,815	0			1,091	PENINSULA NWR
ASRC								
Anaktuvuk Pass	92,160		677	0			535	GATES OF THE ARCTIC NP & PRESERVE
Atkasook	69,120		10,970	0			12,421	
Kaktovik	92,160		2,106	0			3,380	ANWR
Nuiqsut	115,200		10,987	8,403	14,288		15,270	
Point Hope	138,240		16,000	0			5,817	AK.MARITIME NWR
Point Lay	69,120		6,151	18,415	2,475		4,585	AK.MARITIME NWR
Wainwright	115,200		3,137	44,625	11,042		9,407	
BRISTOL BAY								
Koliganek	92,160		959	3,910	2,949		1,116	
Levelock	92,160		2,830	4,611	10,525		2,995	
Manokotak	115,200		536	10,420	12,351		790	TOGIAK NWR
CALISTA								
Aniak	115,200	10,902		10,987		85	3,705	YUKON DELTA NWR
Bethel	161,280			78,815		33,458	30,651	YUKON DELTA NWR
Mekoryuk	115,200		6,147	13,448			13,279	YUKON DELTA NWR
CHUGACH								
English Bay	69,120		9,826	7,280	14,920		240	KENAI FJORD NP
DOYON								
Huslia	115,200		5,721	0			6,448	KOYUKUK NWR
NANA								
Selawik	138,240		6,022	0	171,171		46,864	SELAWIK NWR

Enactment and implementation of this Act has resulted in some Native villages becoming underselected. As shown on Table 3, it is estimated that eighteen village corporations (statewide) are now underselected. This means the villages do not have enough lands selected to satisfy their remaining entitlement, and additional lands will need to be made available for selection. The current estimate of underselection by these villages is 121,000 acres. There are 11 village corporations within the boundaries of Alaska National Wildlife Refuges currently underselected. Two villages in units of the National Park Service are currently underselected.

ISSUES

The following issues relate to the effects of the Alaska Submerged Lands Act of 1988. Additionally, they have been identified as impediments to an accurate assessment of impacts of this legislation on Conservation System Units. Recommendations were not developed for these issues because it is expected that they may be resolved through ongoing litigation and administrative actions.

- A. Potential Impacts of Changing Navigability Standards. The Federal courts have not provided clear and definite guidance on what constitutes the lower limits of navigable waters. There is no guarantee that the courts will ever provide a clear and complete set of criteria by which to make administrative determinations of navigability. Rather, the courts will likely decide questions of navigability on a case-by-case basis.

The courts have defined navigable waters as those used or susceptible to use for travel, trade, and commerce at the time of statehood. In the absence of more specific guidance, there is much doubt as to the ownership of the beds of many small water bodies in Alaska.

In 1987, the U.S. District Court in Alaska attempted to provide more specific guidance. According to the court's decision in the Gulkana River case, a river or stream is navigable in law if it is navigable in fact for any craft larger than a one-person kayak. The court held that the gist of the navigability test is whether a stream was used or could have been used as a highway of travel at statehood. Ahtna, Inc., a Native regional corporation, appealed the decision that the Gulkana River is navigable to the Ninth Circuit Court of Appeals.

On December 13, 1989, the Ninth Circuit Court upheld the lower court's decision that the Gulkana River was susceptible to navigation at statehood. However, it employed different reasoning. The court recalled the Supreme Court's decision that the gist of the navigability test is whether a water body was or could be a highway of commerce at statehood. In this case, the court determined, first, that contemporary guided fishing and sight-seeing activities on the river was commerce, and, second, that the watercrafts "customary at statehood could have at least supported commercial activity of the type carried on today, with minor modifications due to a more limited load capacity and rudimentary technology."

In conveyances under the Statehood Act and the Alaska Native Claims Settlement Act, the Bureau of Land Management currently applies the Gulkana River standard in determining the lower limit of navigable waters. The agency issues decisions on navigability only for streams averaging less than three chains (198 feet) in width and lakes less than fifty acres in size. If it finds a river, stream, or slough suitable for navigation for inflatable rafts, canoes, and powerboats, all of which are used in such commercial activities as guided fishing and sight-seeing trips, and have load capacities consistent with the Gulkana case, the Bureau of Land Management determines the water body navigable and excludes the submerged lands from the conveyance. The submerged land acreage is not charged against the entitlements of the State and the Native corporations. However, submerged lands beneath navigable waters is charged if reserved at the time of statehood.

Faced with the prospect of evolving legal standards of navigability, the Bureau of Land Management considered what it could do in those cases where it had erroneously determined a water body non-navigable, conveyed the submerged land to a Native corporation, and charged the submerged land acreage against the corporation's entitlement. Under the authority of section 316 of the Federal Land Policy and Management Act, which addresses the correction of conveyance documents, the Bureau of Land Management adopted the practice of contacting Native corporations just prior to the issuance of a patent to determine whether they desire a redetermination of navigability on interim-conveyed lands. If yes, the Bureau of Land Management identifies the additional navigable waters and excludes the affected sections in the patent. In addition, if the corporations request a redetermination of navigability after having received patent to their lands, the Bureau of Land Management will comply. The Bureau of Land Management will not charge the submerged land acreage of navigable waters against their entitlements unless the submerged lands were reserved at the time of statehood. However, after issuance of patents, the Bureau of Land Management will not attempt to make any changes to survey plats or conveyance documents.

The Bureau of Land Management applies the same policy to lands conveyed to the State. In 1988, State officials agreed generally not to require the Bureau of Land Management to redetermine the navigability of water bodies on State-selected or tentatively approved lands, regardless of the standard used in the original determination. However, where the State and a Native corporation have lands in the same township and where the Bureau of Land Management is required to make a determination for the Alaska Native Claims Settlement Act selected or conveyed lands, the State requests that the Bureau of Land Management also make a determination for waters on State-selected or tentatively approved lands in the township. The Bureau of Land Management is not required to redetermine the navigability of water bodies on lands patented to the State.

- B. Potential Impacts of Amendment of Section 901 of the Alaska Native Claims Settlement Act by Section 101 of this Act. The State of Alaska

may, at any time, assert claims to the beds of water bodies on the basis of title navigability law. The State faces no time constraints in making its assertions.

From 1980 to 1988, the State of Alaska was faced with a statute of limitations in the Alaska National Interest Lands Conservation Act (sec. 901) on asserting claims to the beds of navigable waters conveyed to Native corporations under the authority of the Alaska Native Claims Settlement Act. Depending upon the date of conveyance, the State had five or seven years to assert these claims. The time limitation was periodically extended by Congress. By the Alaska Submerged Lands Act of August 16, 1988, Congress repealed the Statute of limitations.

- C. Title to Submerged Lands on Pre-statehood Withdrawals. The State of Alaska is challenging the Federal government's position that title to the beds of navigable waters located in Federal reserves or withdrawals did not vest in the State at the time of statehood (1959).

The Federal government's position rests on section 5 of the Submerged Lands Act of 1953, which was extended to Alaska by the Alaska Statehood Act. The Submerged Lands Act provides that, with a few exceptions, the State obtained title to land beneath navigable waters, and the natural resources within such land, at the time of statehood. Section 5 of the Act lists the exceptions. These include all land expressly retained by the United States at the time of statehood, including all Federal reservations and withdrawn lands in existence at that time, and any land or interest in lands which were held by the United States for the benefit of any tribe, band, or individual Indians.

The Federal government also relies on Section 6(e) of the Statehood Act which reserves title in the United States to certain refuges or reservations for the protection of wildlife.

The State bases its claims on title navigability law and the Supreme Court's opinion in Utah vs. the United States, 482 U.S. 193 (1987). In this case the Court stated that to defeat a state's ownership claim a Federal reservation of land must expressly include land under navigable waters, and that in allowing such reservations Congress intended to defeat the future State's title to land under navigable waters.

The State of Alaska has filed a number of lawsuits over this issue. The Supreme Court is now considering an Alaska case that may have a bearing. A decision is expected soon.

- D. Overselections. On a statewide basis, village and regional corporations have selected approximately 24 million acres more than is necessary to satisfy the remaining section 12(a), 12(b) and 12(c) entitlements. There are also additional Alaska Native Claims Settlement Act section 14(h) selections, however, these are smaller and the final entitlement figures have not yet been determined. Overselection totals vary greatly among regions. Most Native corporations, the State of Alaska and its

statehood selections, and Federal land managing agencies are impacted by overlapping and excess selections.

The issue is complex and the reasons for excess selections vary from region to region. Overall, the Native corporations had a deadline by which all selections were to be made. To meet this deadline and also be able to select lands that contained the most resource values, excess acreages were selected. The intent was to prioritize the selections as more information became available. Another reason for overselection was the lack of surveys when the Alaska Native Claims Settlement Act was passed. This resulted in uncertainties over what lands might be claimed by other private individuals or the State of Alaska. Another uncertainty involved the submerged lands and whether these would or would not be charged against the corporations' entitlements.

- E. Underselected Villages. The Alaska Native Claims Settlement Act granted each village corporation the right to select lands of sufficient acreage to meet its entitlement. Each village was authorized to select a sufficient amount of acreage under sec. 12(a) to meet its entitlement which ranged from 69,120 to 161,280 acres depending on population. Section 12(b) is also a village entitlement, however, a proportionate share was allocated to each regional corporation for reallocation to village corporations at its discretion. To date, many of the regions have not completed 12(b) reallocations. As it is unclear where the 12(b) reallocations will occur, it is impossible to determine which lands will be conveyed and/or their impacts on specific Conservation System Units. The question of whether there is enough acreage selected by individual villages will remain unanswered until final reallocations are made by regional corporations. Additional villages could also become underselected in the future depending on these future 12(b) reallocations. See Table 3.

The reasons why some villages may not have selections sufficient to meet their entitlements include: a) villages did not select an adequate amount of acreage during the selection period; b) villages may have been located in close proximity to each other, resulting in overlapping selections; c) the section 12(b) allocations had not been determined prior to the deadline for making selections and adequate selections may not have been made to accommodate these reallocations; and d) some villages have a large percentage of submerged lands within their selection boundaries.

Based on current data, there are thirteen village corporations with selections in Conservation System Units that are presently underselected under one or the other entitlement. The use of section 12(a) or section 12(b) selections to satisfy either entitlement could be used by five of the village corporations to resolve underselections.

To obtain finality of conveyances under the Alaska Native Claims Settlement Act and to identify what lands within Conservation System Unit boundaries will remain under the management of the Federal agencies, these issues need to be resolved.

RECOMMENDATIONS

Congress directed that this report contain recommendations for administrative or Congressional action to reduce adverse impacts the Alaska Submerged Lands Act may have on Conservation System Units. This report does not contain recommendations for legislative remedies regarding impacts the Alaska Submerged Lands Act may have on Conservation System Units. It would be premature to make such recommendations inasmuch as land conveyance programs in Alaska remain incomplete and land status in the State is unclear.

- A. Funding for Land Acquisitions. Substantial amounts of non-federal lands occur in Conservation Systems Units. Owners of private land frequently contact the administering agencies offering to sell their inholdings. Other property owners, when asked, are often willing to sell their inholdings to the Federal agencies rather than offer them for sale for development purposes.

In recognition of the conveyance of an estimated additional 713,000 acres within Conservation System Units to Native corporations, Congress and the Departments of the Interior and Agriculture should utilize the normal budget and appropriations process. Alaska lands can be considered under the Land and Water Conservation Fund (LWCF); however, it is unlikely that such lands would qualify for LWCF funding. The Departments of the Interior and Agriculture will continue to encourage aggressive efforts toward donations.

- B. Land Exchanges. When Federal agencies want to acquire lands or interests in lands, they normally are able to offer for exchange Federal lands which are chiefly valuable for non-Federal purposes. Outside Alaska, Federal lands available for disposal usually are near communities or areas of economic expansion and so are desirable for private ownership. In Alaska, many of these types of lands have already been selected or conveyed into private or State ownership, or continue to be needed for Federal purposes.

Some village and regional corporations, and other private inholders, have expressed interest in exchanging their lands in Conservation System Units for surplus Federal properties or other Federal interests. Unclear authorities and procedures have been a major limiting factor in considering some of these proposals.

Exchange of lands or interests in lands has been and will continue to be an important method of creating more manageable Conservation System Units. Non-Federal holdings can currently be exchanged for Federal lands or interests in lands both within and outside Conservation System Units.

APPENDICES A THROUGH D
ACQUISITION PRIORITY LISTS

The priority lists contained in the appendices to this report (see page 13) will be integrated into the "Land and Water Conservation Fund Ranking System" endorsed by the Office of Management and Budget and the Departments of the Interior and Department of Agriculture. The following priority lists are based upon resource and other values and are the first step in the Department's land acquisition process. The acquisition priorities listed in Appendices A through D receive further prioritization by each Agency's Washington Office prior to yearly budget submittals for proposed acquisitions. Yearly submittals are processed through the Departments' Land and Water Conservation Fund Ranking System prior to any Departmental requests to Congress for acquisition funding.

The rankings of lands in the following appendices, with the exception of the rankings for 13 Park Service units, are considered preliminary. Detailed land protection or acquisition plans have been prepared for only the 13 Park Service units. Rankings of non-federal lands are subject to change as detailed plans are completed or revised. Detailed plans are prepared with full public involvement.

APPENDIX A

ALASKA SUBMERGED LANDS ACT REPORT

SUMMARY OF INHOLDINGS AND ACQUISITION PRIORITIES ON
NATIONAL WILDLIFE REFUGES IN ALASKA

FINAL

February, 1990

U.S. FISH AND WILDLIFE SERVICE
DIVISION OF REALTY
REGION 7
1011 EAST TUDOR ROAD
ANCHORAGE, ALASKA

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CHAPTER I

INTRODUCTION

THE ALASKA SUBMERGED LANDS ACT

The Alaska Submerged Lands Act (the Act) of 1989 amended the Alaska National Interest Lands Conservation Act (Alaska Lands Act). The principle purpose of the Alaska Submerged Lands Act was to clarify conveyance and ownership of submerged lands by Alaska Natives, Native Corporations and the State of Alaska. The primary goal of the Act was to make land conveyance rules and regulations used in Alaska similar to those used in the lower 48 states. Details of the Act are explained in more depth in the Alaska Submerged Lands Report to which this document is an appendix. Briefly, however, the Act ruled that submerged lands beneath either non-navigable lakes greater than 50 acres in size or non-navigable rivers or streams greater than 198 feet across will not be charged against the land entitlement granted a Native, Native corporation or the the State of Alaska. Because submerged lands were never charged against the entitlement of individual Native allottees, the law changes the rules only for allocations to Native corporations or the State of Alaska. Native corporations and the State will receive upland acreages in lieu of submerged lands within their selected lands.

THE ALASKA SUBMERGED LANDS ACT REPORT

In addition to changing the rules of land conveyance, Section 103 of the Alaska Submerged Lands Act mandated that the Secretary of the Interior prepare a report on the effects of this Act. This report is to contain three subsections as follows:

"(1) identify and estimate the acreage of all lands currently patented to or selected by a Native, Native Corporation, or the State pursuant to the Alaska Native Claims Settlement Act, the Alaska National Interest Lands Conservation Act, the Alaska Statehood Act, or this Act that is within the boundaries of the Conservation System Units:

(2) establish priorities for the acquisition of lands currently patented to or selected by a Native, Native Corporation or the State that are within the boundaries of Conservation System Units;

(3) make recommendations as to administrative or Congressional action deemed appropriate to reduce any adverse effects of section 101 on the management of lands or resources within Conservation System Units."

The Alaska Submerged Lands Report of which this Appendix is part was written by the four agencies responsible for managing Alaskan Conservation System Units to meet the reporting requirements listed above. These four agencies are the U.S. Park Service, U.S. Fish and Wildlife Service, U.S. Bureau of Land Management, and the U.S. Forest Service. Due to the size and nature of the report, most of the detailed information on land status and land acquisition priorities required by subsections (1) and (2) described above are included in appendices, while the main report focuses on subsection (3).

ANALYSIS OF INHOLDINGS AND ACQUISITION PRIORITIES ON NATIONAL WILDLIFE REFUGES

The U.S. Fish and Wildlife Service (the Service) manages approximately 77 million acres in 16 national wildlife refuges in Alaska (Figure 1). These 16 refuges include about 23 million acres of inholdings owned largely by Natives and Native corporations. There are 97 villages claiming lands within the boundaries of these refuges. The number and size of inholdings in National Wildlife Refuges in Alaska is significantly larger than found within Conservation System Units managed by the Park Service, Bureau of Land Management or Forest Service. As a result Appendix A which deals strictly with inholdings within National Wildlife Refuges is larger than the other three Appendices.

Chapter II of Appendix A meets the report requirements of Section 103(1) of the Submerged Lands Act. This chapter summarizes land status on the 16 National Wildlife Refuges in Alaska. Included in the summary status of inholdings is an estimate of the acres of water included within each ownership type. It should be noted that acreage figures presented in Chapter II are current estimates of inholdings. These numbers will change over time as lands are surveyed and conflicting claims are adjudicated.

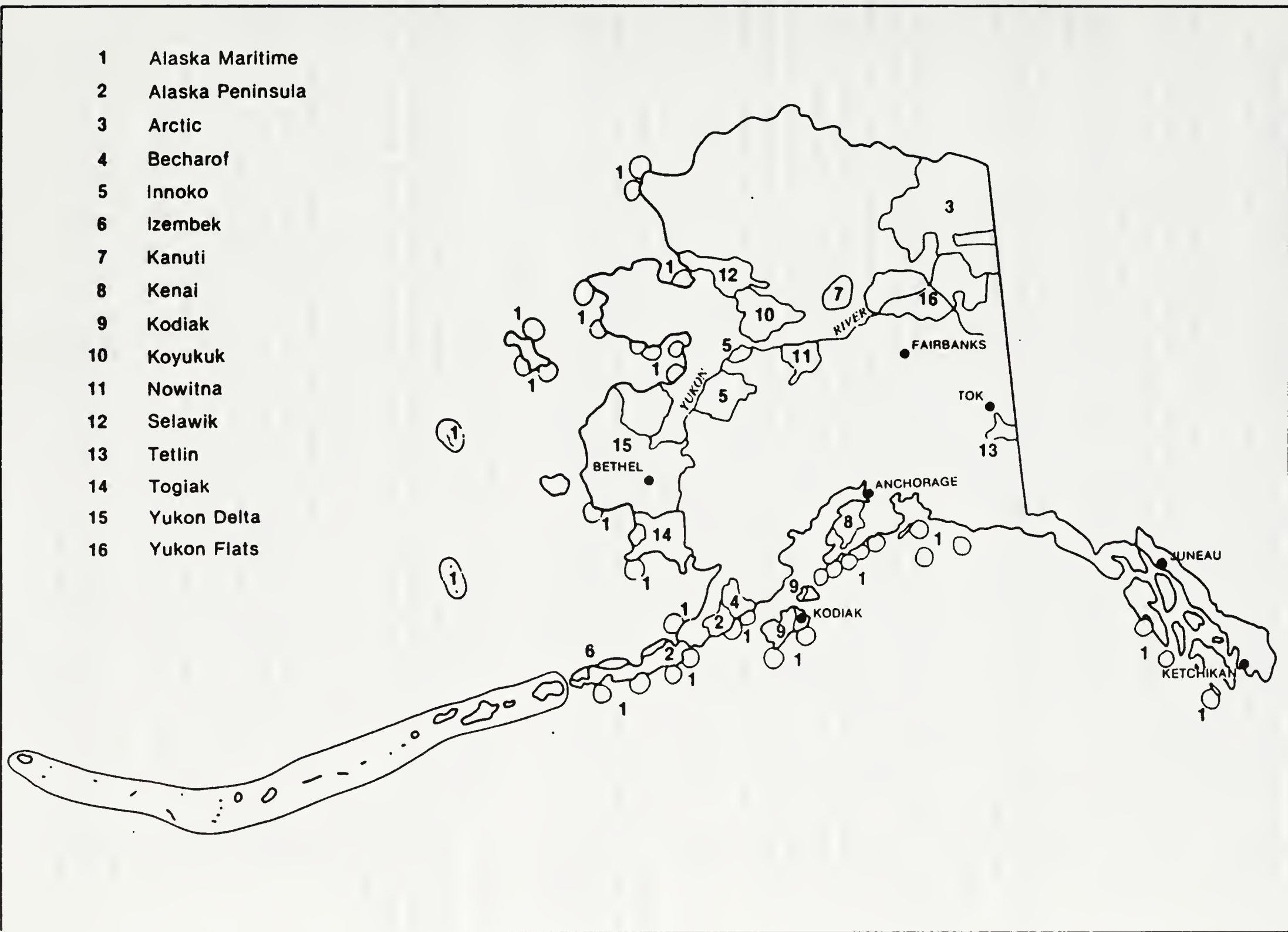
Chapters III, IV, V and VI describe the process by which the Service ranked acquisition priorities within refuges as required by Section 103(2) of the Act. In order to meet the report requirements of the Submerged Lands Act in approximately one year's time and still maintain a level of objectivity, the Service chose to use a geographic information system computer program to model acquisition priorities. The model rates areas based on a combination of resource values and management concerns of the refuges. The model is explained in detail in these chapters.

Chapters VII, VIII, and IX summarize the results of the acquisition priority model. Chapters VII and VIII present summary tables of the statewide acquisition priorities and individual refuge summaries, respectively. Chapter IX summarizes acquisition priorities statewide at the township level.

Because of the numbers and diversity of inholdings and the short length of time allowed for evaluating them, the Service made several assumptions. These assumptions are:

1. The Alaska Submerged Lands Act mandated that the Service rank in priority all inholdings for acquisition. The Act does not suggest, nor is it likely that the Service will ever acquire most of these lands. There is no presumption of acquisition of any inholdings in national wildlife refuges in Alaska. Furthermore, no sale or exchange of lands will be made within National Wildlife Refuges without a "willing seller."
2. The results of our Acquisition Priority model listed in this Appendix are but the first step in a five-year project to analyze inholdings on National Wildlife Refuges in Alaska and to develop habitat protection plans for them. These habitat protections plans will be developed with complete cycles of public involvement.

Figure 1. National Wildlife Refuges in Alaska, Location Map



3. The short time period allowed for analyzing over 20 million acres of inholdings necessitated that the land units we analyzed are relatively large and may have many owners. No attempt was made to distinguish individual ownership of inholdings.

4. Furthermore, the Service did not distinguish between selected and conveyed lands when setting priorities. In the next five years as we evaluate each refuge individually this distinction will be made.

5. The Service analyzed resource values and management concerns only on the surface of inholdings. Areas with split ownership where the Federal government owns the surface estate and subsurface rights were owned by the State, Natives, or Native Corporation were identified as inholdings. It is assumed that development of subsurface rights may impact federally owned surface rights.

6. All inholdings are treated the same regardless of their status as 22(g) lands under the Alaska Native Claims Settlement Act (Claims Act) of 1971. In refuges which predate the Claims Act, surface rights to some lands have been conveyed to Native Corporations with a provision that such lands "remain subject to the laws and regulations governing use and development of such Refuge." Since the passage of the Claims Act, the issue of 22(g) lands has not been resolved. For this project, these lands were analyzed similarly to all other inholdings. As the Service completes habitat protection plans for individual refuges, the protection offered by 22(g) will be further evaluated.

Within these guidelines, all remaining inholdings on refuges were ranked for acquisition to meet the requirement of Section 103(2) of the Alaska Submerged Lands Act. The process and the results of our acquisition priority ranking follow in succeeding chapters.

SUMMARY OF CHANGES IN APPENDIX A FROM DRAFT REPORT

In response to public comment on the draft report, Fish and Wildlife Service made the following major changes in the acquisition priority model and in Appendix A. In addition, smaller editorial changes were made where appropriate.

--The buffer zone of lands immediately surrounding most villages considered inappropriate for acquisition was eliminated. All lands selected or conveyed to Native corporations or Native allottees within wildlife refuges were considered for acquisition regardless of location. In the future, as the Service develops land protection plans for individual refuges buffer zones will be reconsidered on a village by village basis and after consultation with the affected village.

--The public use criterion was changed from a total of 10 points to 25. Subsistence use was elevated to 15 points and recreational use was assigned 10 points. The points are cumulative.

--Land status was corrected on Yukon Flats, Yukon Delta, Innoko, Selawik and Alaska Peninsula Refuges. This will change Table 1 in Appendix A as well as tables in the main document. Togiak, Arctic and Alaska Maritime Refuges are the only refuges where the land status information was not updated for this report.

--Considerable more explanation was incorporated into Chapters VII and VIII which summarize acquisition priorities for refuges statewide and individually.

LAND PROTECTION PLANS AND THE FUTURE USES OF THE ACQUISITION PRIORITY SYSTEM

Starting in 1990 the U.S. Fish and Wildlife Service will begin a five year program to develop land protection plans for individual refuges. These plans are the required first step prior to acquiring any lands. The federal land acquisition policy is to acquire land when other methods of achieving program goals and objectives are not appropriate, available, or effective. There is not an assumption that all private lands or interests inside refuges should or will be acquired. Generally, when management goals suggest acquisition, the minimum interest necessary to reach these goals will be acquired. Agreements between land owners, land exchanges, fee acquisition, and donation are all methods considered to achieve management goals.

Separate land protection plans will be developed for each refuge. These plans will examine inholdings by individual owner and determine the level of protection needed to preserve refuge values. Since these are decision making documents, the public will be involved throughout their development plans. The Service will rank inholdings based on objective resource or management data. The acquisition priority system developed for the Submerged Lands Act Report, with perhaps slight modifications, will be the basis for assessing resource values of inholdings.

Although the Service will continue to rank inholdings for possible acquisition, as in the Submerged Lands Act Report, there is no assumption of acquisition or schedule to acquire lands. A willing seller may change his or her mind over time and changing circumstances. When the Service is at the stage where it is able and willing to investigate specific land exchanges or fee acquisitions, then the willingness of the owner to sell or trade the parcel will become a primary consideration.

CHAPTER II

INVENTORY OF INHOLDINGS WITHIN NATIONAL WILDLIFE REFUGES IN ALASKA

Table 1 summarizes the acres of inholdings by refuge by ownership type. This is based on records obtained from the Bureau of Land Management. Water acres are included in the figures.

Acreage figures presented in the following tables are estimates as of November, 1989, and are subject to change. Overselections are included in these estimates, since U.S. Fish and Wildlife Service is not responsible for adjudicating claims and has no means of deciding which are valid selections. Land status acreage figures in Alaska will not be finalized until conflicting claims are adjudicated and all inholdings are surveyed.

Table 1. Summary of inholdings in national wildlife refuges in Alaska, including water acres.

	State	Native Corporation	Native Allotments	Other	Totals
Alaska Maritime	250,944	684,911	10,828	1,238	947,921
Alaska Peninsula	820,098	1,930,122	9,067	1,346	2,760,633
Arctic	0	186,998	29,483	30	216,511
Becharof	17,000	103,000	305	0	120,305
Innoko	68,813	541,518	13,858	13	624,202
Izembek	0	116,372	0	0	116,372
Kanuti	0	334,618	5,239	5	339,862
Kenai	12,356	1,487,000	485	73	1,499,914
Kodiak	0	458,000	13,541	1,337	472,878
Koyukuk	0	643,289	16,295	12	659,596
Nowitna	282,041	156,352	960	1,325	440,678
Selawik	0	1,523,117	44,472	10	1,567,599
Tetlin	69,237	172,212	7,362	176	248,987
Togiak	0	697,169	46,386	651	744,206
Yukon Delta	66,571	10,077,000	355,401	406	10,499,378
Yukon Flats	0	2,638,498	10,031	40,982	2,689,511
Totals	1,336,116	21,065,265	552,885	46,366	23,000,632

CHAPTER III

ESTABLISHING ACQUISITION PRIORITIES ON ALASKAN REFUGES

SCOPE OF ANALYSIS

This chapter addresses the establishment of acquisition priorities for inholdings on national wildlife refuges in Alaska. In accordance with the guidelines established by Congress, Appendix A includes an assessment of acquisition priorities for all Native, Native corporation and State owned or selected inholdings. This includes Native allotments as well as those lands subject to Section 22(g) of the Alaska Native Claims Settlement Act (Claims Act). In addition to responding to the Congressional mandate for evaluation, the U.S. Fish and Wildlife Service (Service) believes these lands should be considered because they are within the boundary of a Conservation System Unit established by Congress. This prioritization is resource based without regard to other existing protection mechanisms used by the Service such as 22(g), the Clean Water Act, the Bald Eagle Act, the Migratory Bird Treaty Act, the Alaska National Interest Lands Conservation Act (Lands Act) and other laws and regulations. These Acts and the protection they offer will be incorporated into this priority system as part of the assessment of threats under Management Criterion C. At the time of considering actual acquisition of a specific parcel, further consideration will be given to current resource data, current and expected threats to the resources and existing protection given by 22(g) and other laws.

It should be stressed that section 1302 of the Lands Act prohibits acquisition of State or Native corporation owned lands on Conservation System Units in Alaska without the consent of the owner. Identification of priorities for acquisition is not a preemption of this requirement, but is a means of presenting information and options to interested parties.

PREVIOUS ACQUISITION PLANNING ACTIVITIES

The Service assessed inholding priorities in Alaska, subsequent to the passage of the Lands Act, on two occasions. In 1983, a generalized inventory of inholdings was conducted to identify broad priorities for acquisition. This evaluation ranked inholdings within loosely defined habitat categories. Inholdings were not evaluated on a Statewide basis. In 1985, the Service inventoried all Native corporation owned inholdings on Alaska refuges and evaluated them as a priority for acquisition, suitable for acquisition or not suitable for acquisition. Those inholdings designated as a priority for acquisition were then evaluated by a Region-wide panel of biologists and refuge managers on the basis of ten resource and management criteria. Efforts were frustrated by the lack of resource data on the newly established or expanded refuges, lack of a clear definition of priorities, and lack of a mandate to complete the task. In addition, these evaluations, although adequate at the time, need updating and are generally considered too broad in scope to provide the specific information required by the Submerged Lands Act.

DEVELOPMENT OF THE ACQUISITION PRIORITY SYSTEM

The Alaska Submerged Lands Act now provides a mandate to complete an acquisition priority list. Since the creation and expansion of Alaskan refuges by the Lands Act, a considerable body of wildlife and fisheries information has been collected. In addition, preparation of comprehensive conservation plans has provided an information base upon which to evaluate private and State inholdings on Alaska refuges.

In developing criteria for assessment of acquisition priorities, the Acquisition Priority Team, the Service's Regional Office group assigned to this project, considered using an existing national planning process, the Land Acquisition Priority System. However, that system was not designed to handle the scale of effort needed in Alaska. The national system is designed to rank relatively small parcels which have been identified for acquisition. Often, specific resource inventories have been conducted on these individual parcels. In Alaska, the large acreages involved (approximately 23 million acres) would require preparation of an unmanageably large number of parcels of mixed ownership where resource values have been extensively, but not intensively, analyzed. That system would be difficult to update because of the large parcel sizes. Although it is not feasible to use the national model, we are able to incorporate ideas from that model in the development of criteria.

Those criteria eventually identified and developed are designed to allow consistent application across all refuges (Table 2). For example, standards for high, medium and low waterfowl densities were established Statewide rather than for each refuge.

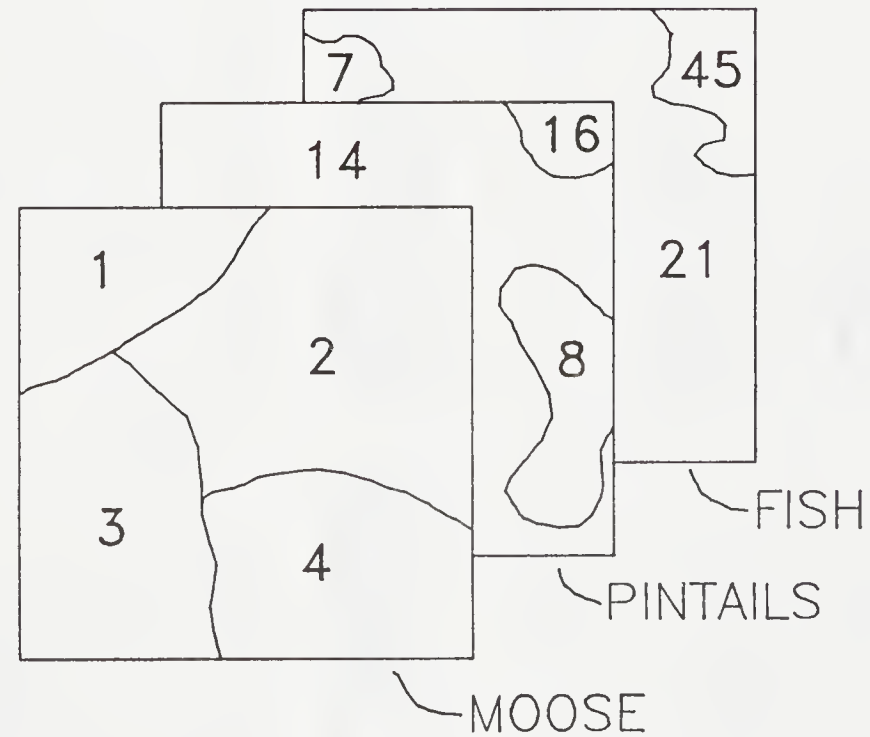
At this stage, for the draft report areas heavily impacted areas associated with villages lying within refuge boundaries were excluded from consideration for acquisition. Buffer zones were drawn around villages to allow for existing social and economic activities in these areas. Areas within the buffer zone were to be considered for acquisition on a case by case basis during the development of land protection plans. However, in response to public comment the Service decided to eliminate the buffer zones and consider all inholdings appropriate for acquisition. The buffer zones will be reconsidered during the development of land protection plans for each refuge. At that time in consultation with local villages, the decision may be made to exclude from consideration for acquisition areas adjacent to these villages.

Table 2. Acquisition Priority System Criteria:
Criteria Basis and Maximum Points

<u>Resource Criteria</u>	<u>Criteria Basis</u>	<u>Maximum Points</u>
1. Threatened and endangered species	Statutory Protection	20
2. Migratory birds	Portions derived from	30
3. Diversity of upland species	national Land Acquisi-	20
4. Diversity of wetland species	tion Priority System	20
5. Marine mammals	Statutory Protection	20
6. Refuge purpose, resident species	Derived from	10
7. Fisheries	1985 Alaska Priority System	10
Subtotal		<u>130</u>
<u>Management Criteria</u>		
A. Public use	Derived from	25
B. Refuge management, i.e., capacity of acquisition to enhance management of existing refuge lands	1985 Alaska Priority System	10
C. Ability of acquisition to reduce threats	Purpose of Acquisition	30
Subtotal		<u>65</u>
TOTAL POSSIBLE SCORE:		195

Figure 2 UNDERSTANDING ARC/INFO

ARC: manipulates coordinate or spatial data



INFO: manipulates attribute data

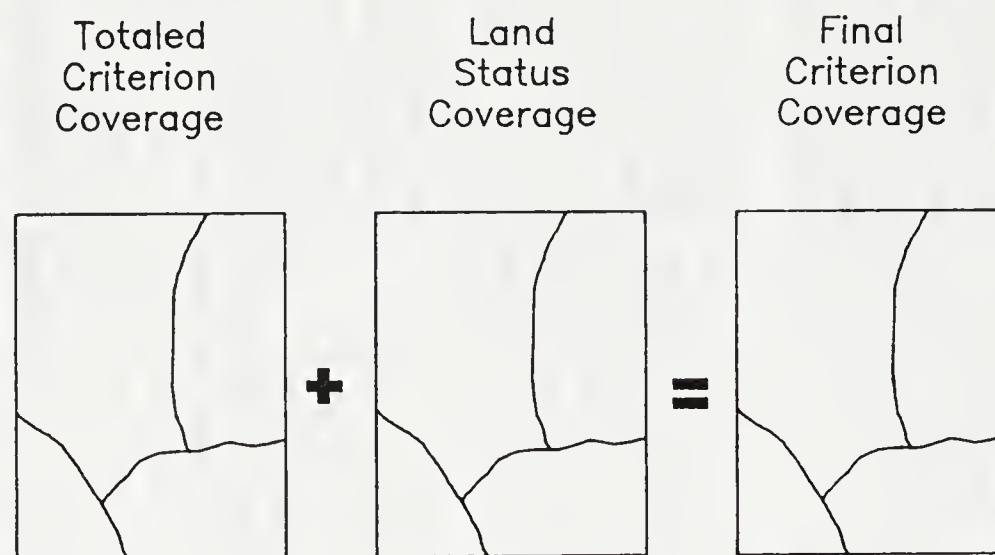
MOOSE:

ID (Area)	Attribute 1 Category	Attribute 2 Density
1	A	High
2	B	Low
3	C	Moderate
4	D	None

Date: March 7, 1989
Graphics by: Div. Of Realty
<DMW>

Figure 3 ACQUISITION PRIORITY MODEL

Species or Use Coverages	Criterion Coverage
	ES 
	MB 
	DU 
	DW 
	MM 
	RS 
	FH 
	PU 
	RM 
	TH 



And finally, parcels remaining are ranked in priority according to the sum of criteria points.

HOW THE ACQUISITION PRIORITY SYSTEM WORKS

Analysis of acquisition priorities begins with the gathering and mapping of fish and wildlife data for resource criteria 1 through 7 and management information under criteria A, B and C. This information is hand-mapped (usually for the entire refuge) in coordination with refuge staff and other Service personnel. Most of these species data are based on population densities. Population densities were used rather than habitat as a basis for the acquisition priority system because of availability of data. There has been very little habitat mapping in the state of Alaska. Considerably more data has been collected on species distributions and densities. It is assumed that population and density data taken over a period of time will reflect habitat quality.

The hand drawn maps and related attribute tables are then digitized and entered into a geographic information system known as ARC/INFO. ARC/INFO is a computer program that allows concurrent manipulation of spatial data (*i.e.*, maps) and attribute data (verbal or numerical descriptions). See Figure 2. The result is a set of layers of mapped resource information in ARC and verbal and numerical descriptions in INFO. Each criterion represents one layer in the model.

To establish priority rankings, point values are assigned in INFO to the resources and uses comprising each criterion according to the guidelines established for that criterion (Chapter IV). Once all the criteria are computer plotted, they are overlain on each other. This process creates in ARC a single map with many units created by the intersection of the criteria maps (Figure 3). At the same time, in INFO, the program automatically totals the point values for overlapped criteria on the newly defined units. Subsequently, this new overlapped and totalled criteria map is overlain on a map depicting land status. Federally owned lands are eliminated from consideration (Figure 3). The remaining State or privately owned or selected areas are then ranked in priority according to the totalled values of the resource and management criteria. Priority listings of inholdings were first done within a refuge, then among all Alaskan refuges.

Finally, a determination of high, medium and low priority statewide was made. The precision level of both resource and land status data is such that priorities could only be ranked as high, medium or low. Since there was little basis for deciding otherwise, the inholdings were divided into three groups of approximately equal acreages (Figure 4). The actual divisions between high and medium priorities and medium and low priorities were made by criteria point score and consequently do not divide the total inholding acreages into three exactly equal groups (Figure 4).

Each criterion is justified equally across all refuges. For example, high density, such as four moose per acre, will be rate the same number of points on each refuge. When all information is entered into the system, a parcel may then be identified based on similarities in selected resource values, ownership or other factors deemed appropriate by managers or planners. Points assigned to that area are then totalled to arrive at a priority score.

CHAPTER IV

ACQUISITION PRIORITY CRITERIA

DEFINITIONS AND POINT VALUES FOR ACQUISITION PRIORITY

This chapter describes the the seven resource criteria and three management criteria used in the acquisition priority model. Criteria are subdivided into categories and point values are assigned to each category. Categories are usually wildlife species. How categories are totalled into individual criterion scores varies somewhat by criterion. Generally, a piece of ground is either assigned the highest category score for a criterion or the total of all category scores for a criterion. The two diversity criteria are calibrated across all refuges.

The following list summarizes the criteria used in setting acquisition priorities and the maximum point values assigned to each criterion. Subsequent pages describe in further detail the breakdown of each criterion into mappable units with appropriate point values. The first seven criteria are resource based. Criteria 1, 2, 5, 6, and 7 are species specific with areas receiving points based usually on the highest ranked species present on the area. Criteria 3 and 4 are also species specific, but are different in that it is not which particular species is present but rather how many species are supported by the habitat. In other words, Criteria 3 and 4 rate habitat quality by measuring diversity. Each species will be included in 2 criteria. A species will be included once in Criteria 1, 2, 5, 6, or 7 and then once in either Criteria 3 or 4 depending on whether they are largely a wetland or an upland based species.

<u>Resource Criteria</u>	<u>Maximum Points</u>
1. Threatened and endangered species	20
2. Migratory birds	30
3. Diversity of upland species	20
4. Diversity of wetland species	20
5. Marine mammals	20
6. Resident, refuge purpose species	10
7. Fisheries	10
<u>Management Criteria</u>	
A. Public use	25
B. Refuge management, i.e., capacity of acquisition to enhance management of existing refuge lands	10
C. Ability of acquisition to reduce threats	30
TOTAL POSSIBLE SCORE:	195

RESOURCE CRITERIA

CRITERION 1. THREATENED AND ENDANGERED SPECIES (ES)

This criterion refers to use of an area by threatened or endangered species and is based on statutory authority of the Service. The Endangered Species Act gives the Service authority to manage endangered species. Endangered species were also a criterion under the Alaska Priority System and are a target in the national Land Acquisition Priority System target as well.

Three listed species, peregrine falcon (two subspecies found in Alaska are listed, the threatened Arctic and the endangered American peregrine falcon), the Aleutian Canada goose, and the Aleutian shield fern are considered. Eskimo curlew and short-tailed albatross are listed species known to occur in Alaska. However, since there is no known habitat on Alaskan refuges associated with either species, we did not include them in this criterion.

Scoring is based on the degree of use by the listed species. Scores are cumulative with a maximum score of 20 points for this criterion. Species' habitat components were ranked and values were assigned using the entire 20 point range. Higher points were given to areas currently used rather than to historic use areas. A total of 20 points was assigned to this criterion due to the direct management responsibilities of the Service with regard to endangered species and the importance of habitat protection to recovery of these species. (20 points)

Category 1: Peregrine falcon

Class Points

- | | | |
|----|----|---|
| A. | 18 | Known nesting areas, higher scores being assigned based on total number of nesting pairs, density of nesting pairs, or productivity of nesting area. We will use a radius of one mile around nests to delineate the known nesting area. |
| B. | 13 | Feeding areas near known nesting areas, higher scores will be given based on number of birds using the area or abundance and diversity of prey. Areas between 2 and 5 miles from a nest will be considered high value feeding zones. Areas between 5 and 10 miles from a nest will be considered lower value feeding zones. |
| C. | 9 | Migration corridor. |
| D. | 7 | Areas that have been historically used or contain suitable habitat, higher scores based on potential of the habitat to sustain reintroductions or expansion of range back into the area. |
| E. | 2 | Areas that are casually used (birds sighted but no documentation of nesting or feeding) based on number of sightings of birds on the area. |
| Z. | 0 | Areas where there is no known use. |

Category 2: Aleutian Canada goose

Class Points

- | | | |
|----|----|--|
| A. | 20 | Known nesting or feeding areas. |
| B. | 10 | Areas historically used for nesting, provided that habitat is still suitable or could be made suitable for reintroduction of the species. |
| C. | 5 | Areas having no documentation of historical use but with habitat suitable to sustain reintroductions or expansion of range back into the area. |
| Z. | 0 | Areas with no known use or suitable habitat. |

Category 3: Aleutian shield fern

Class Points

- | | | |
|----|----|--|
| A. | 20 | Plant exists on site. |
| B. | 10 | Plant historically existed on site. |
| C. | 5 | Suitable habitat exists for plant. The plant seems to prefer rock seep areas and elevations greater than 200 to 300 meters in the fog zone. It is thought that the plant may be restricted to the Andreanof Island group from Atka Island west to Tanaga Island. |
| Z. | 0 | Neither plant nor suitable habitat exists on site. |

CRITERION 2. MIGRATORY BIRDS (MB)

This criterion refers to bird species covered by the Migratory Bird Treaty Act and is based on Service responsibilities under four international treaties, related laws and regulations. Migratory Birds are used as a target in the Land Acquisition Priority System as well as a criterion in the Alaska Priority System. (30 points)

Since there are hundreds of migratory birds that use Alaska for a portion of their life cycles and since we know little site-specific information about many migratory birds, this criterion focuses only on certain species. Migratory birds are clustered into three general groups for assigning point values:

Special Concern Species (SCS)
Lands Act Refuge Purpose Species or National Resource Species
Lands Act Refuge Purpose Species Groups

Species are clustered into the Special Concern Species group based on their population status and their significance to individual refuges. Certain Pacific flyway populations of Arctic nesting geese and certain duck species identified in the North American Waterfowl Management Plan as below target and declining have been ranked in descending order of importance according to relative population status and trend. Besides waterfowl, we considered bristle-thighed curlew a species of special concern although we did rank it below the targeted waterfowl. Curlews are a bird of very small population which nest only in Alaska and winter in the south Pacific. The Service is currently investigating the status of curlews.

Species of special concern received the highest number of points. We ranked species within this group based on population status and trend. Points were assigned after species were ranked based on density or habitat quality.

The second ranked group of migratory birds considered consists of species (other than Special Concern Species) that are mandated by the Alaska National Interest Lands Conservation Act (Lands Act) to be managed as a purpose of a refuge or are considered National Resource species (Federal Register Vol. 48, No 237, December 8, 1983). It was felt that migratory birds specifically identified by Congress as a purpose of a refuge deserved some recognition. However, the migratory birds identified by Congress are few and variable. Some refuges have no listed species, where others have several. Therefore, it was decided that migratory birds identified as National Resource Species would also be considered in this group. The advantage of the National Resource species list is that we can use the same list of birds for all 16 refuges. Generally, the migratory birds listed as National Resource Species are of high concern to the Service. Furthermore, most refuges have some information on these species. A list of species from either of these sources is found in Tables 3 and 4.

The third group consists of other migratory birds listed as a group under the Lands Act refuge purposes, e.g., shorebirds, seabirds, waterfowl, and raptors. In other words, on some refuges, raptors, seabirds, shorebirds, or waterfowl were identified as a purpose of the refuge. These were ranked somewhat lower than the previous group, because it was felt that species individually mentioned deserved slightly higher recognition than those species not so recognized.

The three general clusters of species are then subdivided into categories, (species) and points are assigned based upon high, medium or low densities of birds, or upon habitat values. The entire point range was used. Staging areas are generally considered areas of high density. Points are not cumulative among categories. The point score for a specific area will be based on the highest ranked category found on that area.

Category 1: Cackling Canada Goose (SCS)

Class Points

A.	30	High Density or Habitat Quality
B.	24	Medium Density or Habitat Quality
C.	18	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 2: Emperor Goose

Category 3: Pacific Flyway White-fronted Goose (SCS)

Class Points

A.	26	High Density or Habitat Quality
B.	20	Medium Density or Habitat Quality
C.	14	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 4: Pacific Brant (SCS)

Class Points

A.	22	High Density or Habitat Quality
B.	16	Medium Density or Habitat Quality
C.	10	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 5: Canvasback (SCS)

Category 6: Northern Pintail (SCS)

Category 7: Mallard (SCS)

Class Points

A.	14	High Density or Habitat Quality
B.	8	Medium Density or Habitat Quality
C.	2	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 8: Bristle-thighed Curlew (SCS)

Class Points

A.	12	Known Breeding Habitat
B.	6	Probable Breeding Habitat
C.	1	Possible Breeding Habitat
D.	12	High Bird Density Staging Area
E.	6	Medium Bird Density Staging Area
F.	2	Low Bird Density Staging Area
Z.	0	None, sparse or unknown

Category 9... : Lands Act Refuge Purpose Species or National Resource Species (migratory birds): Species will vary by refuge (Tables 3 and 4)

Class Points

A.	10	High Density or Habitat Quality
B.	6	Medium Density or Habitat Quality
C.	2	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 10... : Lands Act Refuge Purpose Species Group: Groups will vary by refuge (Tables 3 and 4)

Class Points

A.	8	High Density or Habitat Quality
B.	4	Medium Density or Habitat Quality
C.	1	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

CRITERION 3. DIVERSITY OF UPLAND SPECIES (DU)

This criterion is partially derived from the Land Acquisition Priority System target, Nationally Significant Wildlife Habitats, that (used in conjunction with Criterion 4, Diversity of Wetland Species) is designed to recognize significant combinations of wildlife and other values. The original Land Acquisition Priority System criterion focuses on diversity of species and trend of habitat. Since trend of habitat is not a significant issue in Alaska, we chose to evaluate habitats only on diversity. Furthermore, maintaining diversity is an Alaska Lands Act purpose for all refuges in the state. (20 points)

Diversity of upland species attempts to measure wildlife habitat values in non-wetland areas by assessing species diversity. Species considered are non-migratory birds, migratory non-wetland birds, and resident mammals (excluding wetland furbearers). Species will be clustered into two groups based on Service management priority (See Tables 3 and 4):

Endangered Species or Marine Mammals

Resident mammals or birds whose habitat is not generally restricted to wetlands.

Each species will be further subdivided by species density and/or habitat quality. Points will be assigned by species group based on density and/or quality of habitat. Points will be cumulative on an area. Higher point scores will go to areas with a high diversity or abundance of species weighted towards those higher management priority species (Lands Act or National Resource species). When all refuges are mapped we will compare area totals and calibrate them on a scale of 0 to 20 points. This final point score will be the criterion score for the area.

Category 1... : Endangered Species or Marine Mammals (mammals and non-wetland birds). Species will vary by refuge. See Tables 3 and 4.

Class Points

A.	10	High Density or Habitat Quality
B.	6	Medium Density or Habitat Quality
C.	3	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 2... : Resident Mammals or Birds-Mammals or non-migratory birds or migratory non-wetland birds. Species will vary by refuge. Where little information is known about the species, general distribution should be mapped and labeled as Class B.

Class Points

A.	5	High Density or Habitat Quality
B.	3	Medium Density or Habitat Quality or General Distribution if little else is known about species.
C.	1	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

CRITERION 4. DIVERSITY OF WETLAND SPECIES (DW)

This criterion used in conjunction with Criterion 3, Diversity of Upland Species, rates wildlife habitats by measuring diversity of the species using the area. These two criteria are meant to meet the long-standing habitat protection mission of the Service. Criterion 4 is a criterion partially derived from the Land Acquisition Priority System target that is designed to implement the Emergency Wetlands Resources Act for the Service's wetland acquisition program. (20 points)

Maintenance of water quality and quantity is also a Lands Act purpose of every refuge. This purpose is addressed indirectly under this Criterion through the assignment of points to habitats with a high diversity of wetland species. It is assumed that areas with high diversity values for such species would also have correspondingly high water quality values.

Species considered in Criterion 4 are wetland-based migratory birds, including seabirds, furbearers, and fish. Species will be clustered into four groups based on Service management priority:

Special Concern Species (SCS)

Lands Act Refuge Purpose Species or National Resource Species

Fish

Other Species (wetland furbearers and other waterfowl species)

Each species will be further subdivided, into three levels if possible, by species density and/or habitat quality. The grouping of bird species by management priority will be the same as used in the Migratory Birds criterion with wetlands furbearers and fish added where appropriate.

Points for bird and mammal species will be assigned first by species group and then by density and/or quality of habitat. Fish species will be delineated similarly to the method used under the Fisheries criterion. Points for birds,

mammals and fish will be cumulative on an area. Higher point scores will go to areas with a high diversity or abundance of species weighted towards those higher management priority species (i.e., Special Concern Species, Lands Act Refuge Purpose Species, or National Resource Species). When all refuges are mapped we will compare area totals and rank them on a sliding scale between 0 and 20 points. This final point score will be the criterion score for the area.

Category 1: Cackling Canada Goose (SCS)

Class Points

A.	30	High Density or Habitat Quality
B.	24	Medium Density or Habitat Quality
C.	18	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 2: Emperor Goose (SCS)

Category 3: Pacific Flyway White-fronted Goose (SCS)

Class Points

A.	26	High Density or Habitat Quality
B.	20	Medium Density or Habitat Quality
C.	14	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 4: Pacific Brant (SCS)

Class Points

A.	22	High Density or Habitat Quality
B.	16	Medium Density or Habitat Quality
C.	10	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 5: Canvasback (SCS)
 Category 6: Pintail (SCS)
 Category 7: Mallard (SCS)

Class Points

A.	14	High Density or Habitat Quality
B.	8	Medium Density or Habitat Quality
C.	2	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 8... : Lands Act Refuge Purpose Species or National Resource Species--Migratory bird species (other than those listed above) specifically mandated for management under purposes of refuges in the Lands Act or considered National Resource species. Species will vary by refuge. (See Tables 3 and 4.)

Class Points

A.	10	High Density or Habitat Quality
B.	6	Medium Density or Habitat Quality
C.	2	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 9... : Lands Act Refuge Purpose Species Group: Groups will vary by refuge (Tables 3 and 4.)

Class Points

A.	8	High Density or Habitat Quality
B.	4	Medium Density or Habitat Quality
C.	1	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

Category 10... : Fish Species

Class	Points	
-------	--------	--

A.	6	5 salmon species present in drainage or 2 to 4 salmon species present with at least one salmon run of over 100,000 fish.
B.	5	3 or 4 salmon species present in drainage
C.	4	1-2 salmon species present in drainage
D.	2	Resident species, only
E.	3	Resident species, only. Listed as a purpose of the refuge in the Lands Act.
Z	0	None, sparse or unknown

Category 11... : Other Wetland-based Migratory Birds and Wetland Furbearers. Species will vary by refuge.
(See Tables 3 and 4.)

Class	Points	
-------	--------	--

A.	5	High Density or Habitat Quality
B.	3	Medium Density or Habitat Quality
C.	1	Low Density or Habitat Quality
Z.	0	None, sparse or unknown

CRITERION 5. MARINE MAMMALS (MM)

refers to use of the area by species or populations which are covered under the Marine Mammal Protection Act. Since this priority rating system is concerned only with inholdings within refuges, we only consider land-based habitats of marine mammals. (20 points)

Highest scores were assigned to Northern fur seal and Northern sea lion habitats since populations of these species have declined. Walrus haulouts (there are no rookeries on land) were assigned the next highest point value since this species is under the direct management responsibility of the Service but populations are believed to be at historic levels. Scores for sea lions, fur seals and walruses will be based on the density of animals at rookeries or haulout sites. Scores for seals will be lower than the preceding species. Less is known concerning the status of seal populations in Alaska and most species do not have concentrated rookeries similar to sea lions or fur seals although some species (harbor seals) do have concentrated haulout sites. Scores for polar bears which are a species considered to have

a stable population will be based on density of den sites. Sea otters will rate the lowest scores as their populations are near historic levels and they do not use specific haulout or rookery sites as intensively as those mammals discussed previously. Areas mapped will include a one mile buffer zone around the site. Scores will be cumulative among groups, but the maximum allowable for this criterion is 20 points.

Category 1: Fur Seals Rookery
 Category 2: Northern Sea Lion Rookery

Class	Points	
A.	20	High Density
B.	12	Medium Density
C.	4	Low Density
Z.	0	None, sparse or unknown

Category 3: Fur Seal Haulout Areas
 Category 4: Northern Sea Lion Haulout Areas

Class	Points	
A.	18	High Density
B.	10	Medium Density
C.	2	Low Density
Z.	0	None, sparse or unknown

Category 5: Walrus Haulout Areas

Class	Points	
A.	16	High Density
B.	8	Medium Density
C.	2	Low Density
Z.	0	None, sparse or unknown

Category 6: Seal Haul Out Areas

Class	Points	
A.	10	High Density
B.	5	Medium Density
C.	1	Low Density
Z.	0	None, sparse or unknown

Category 7: Seal Rookery

Class	Points	
A.	8	High Density
B.	4	Medium Density
C.	1	Low Density
Z.	0	None, sparse or unknown

Category 8: Polar Bear Denning Areas

Class	Points	
A.	6	High Density
B.	3	Medium Density
C.	1	Low Density
Z.	0	None, sparse or unknown

Category 9: Sea Otters: Resting/Grooming

Class	Points	
A.	3	High Density
B.	2	Medium Density
C.	1	Low Density
Z.	0	None, sparse or unknown

CRITERION 6. RESIDENT, REFUGE PURPOSE SPECIES (RS)

This criterion addresses Service management responsibilities for resident species listed as purposes of the refuge under the Alaska Lands Act. Refuge purpose species are listed in Table 3. Many of these species are migratory birds or fish and are considered under other criteria. Only resident mammals are considered in this criterion. Lesser weight is given to this criterion since management responsibility for resident game is shared with the State of Alaska. The State already has in place an active management and research program aimed at effective management of these species. This criterion was also a part of the Alaska Priority System.

Resident species refers to use of the area by resident mammals individually specified in the Lands Act purposes for the refuge. Only individual species listed (e.g., brown bears or moose) under the Lands Act will be counted in the Lands Act category. General groups of animals (e.g., furbearers or large mammals) listed under the Lands Act will not be counted in this criterion. Species will be mapped based on high, moderate and low densities. Scores for overlapping species distribution will not be cumulative. If there is more than one refuge purpose species found in an area, the area will be rated according to the highest class value given to one of the overlapping species. For example, an area of high moose, moderate caribou and low bear densities would receive a point score based on its value as high moose range. There is a maximum score of 10 points than an area can receive for resident species.

Category 1. Lands Act Refuge Purpose Species (mammals and resident birds). Species will vary by refuge. See Table 3.

Class	Points	
A.	10	High Density
B.	5	Medium Density
C.	1	Low Density
Z.	0	None, sparse or unknown

CRITERION 7. FISHERIES (FR)

refers to use of the area by anadromous and resident populations of fish species. It is included since Alaska Lands Act refuge purposes for every refuge call for conservation of fish populations and their habitats. Emphasis is placed on populations of salmon because salmon are mentioned specifically in the purposes of thirteen of the sixteen refuges. The number of points assigned to this criterion is the same as for resident species. Fewer points are given these two criteria than the first 5 criteria because management responsibility is shared with the state of Alaska. Furthermore, much of the

fisheries habitat involved is in navigable waters owned by the State. The federal government could not purchase these navigable waters. This criterion was also part of the Alaska Priority System.

Scores under this criterion depend on the diversity of fish species, particularly salmon, present and escapement or size of the total salmon run in the watershed. It is not practical to delineate individual rivers, streams, lakes or ponds for this project although ARC/INFO, the Geographic Information System we used has that capability. Therefore, we map refuges on a gross scale, i.e., watersheds, and subsequently rank watersheds based on their fisheries values.

Fish will be ranked according to species represented with anadromous salmonids assigned the most points because they are National Resource species and are also often listed under purposes of the refuge in the Lands Act. Watersheds with populations of only resident fish were assigned lower values; however, higher values were given those resident fish listed as a purpose of the refuge.

Watersheds will be given points from 1 to 6 based on the kinds of fish found within the area. Then, an escapement range or total fish population will be ranked on a scale of 1 to 4. Finally, these scores for fish species and escapement or fish numbers will be totaled and a final score will be tallied for the watershed. The maximum allowable points for a drainage is 10.

As with Resource Criterion 4, habitats which support large diverse populations of salmon must also be within watersheds with adequate water quality and quantity. For this reason, refuge inholdings were not evaluated specifically on the basis of their importance in meeting this refuge purpose. (10 points)

Category 1: Fish Species

Class	Points	
A.	6	5 salmon species present in drainage or 2 to 4 salmon species present with one salmon run of over 100,000 fish.
B.	5	3 or 4 salmon species present in drainage
C.	4	1 or 2 salmon species present in drainage or Lands Act resident species.
D.	2	Resident species, only
E.	3	Resident Lands Act refuge purpose species.
Z.	0	None, sparse or unknown

Category 2: Fish Population (adults)

Class Points

- | | | |
|----|---|---|
| A. | 4 | Total salmon escapement greater than 100,000 |
| B. | 2 | Total salmon escapement 50,000 to 100,000 or major spawning area for Lands Act refuge purpose fish. |
| C. | 1 | Total salmon escapement less than 50,000 or resident population of unknown size. |
| Z | 0 | None, sparse or unknown |
-

MANAGEMENT CRITERIA

CRITERION A. PUBLIC USE (PU)

refers to subsistence and recreational use. This criterion addresses public use objectives and management responsibilities of the Service as outlined in the Alaska Lands Act and in the Refuge Manual. This criterion is divided into two categories, subsistence and recreation. Points are cumulative between the two categories with a maximum of 25 points allowable for any one area. (25 points)

Providing the opportunity for subsistence uses by local residents is a purpose of every refuge except Kenai. Subsistence use levels for this model are measured according to the number of villages using an area, duration of use, size of the villages and the number of uses made of the area. Kenai Refuge purposes address opportunities for fish and wildlife oriented recreation. Level of recreational use is measured by density of use and whether or not the area can be reached by ground transportation.

Category 1. Recreational Use

Class Points

- | | | |
|----|----|--|
| A. | 10 | High Density, Road-based Use
Significant year-round use by local city residents
(Soldotna, Kenai) as well as non-local users (Anchorage) |
| B. | 7 | Moderate Density, road-based use
High density seasonal use or moderate density year-round use |

C.	5	Low Density, road-based use
D.	3	High Density, non-roaded use
E.	2	Moderate Density, non-roaded use
F.	1	Low Density, non-roaded use
Z.	0	Negligible or unsubstantiated

Category 2 Subsistence Use

Class Points

A.	15	High Density, year-round subsistence use --Use by residents of 5 or more villages or use by 3 villages including one with a population higher than 500, <u>and</u> , Residents use area for 3 or more activities covering all seasons, i.e., hunting, fishing, berry-picking, house-logs, firewood gathering, and trapping.
B.	12	High Density, seasonal subsistence use --Use by residents of 5 or more villages or use by 3 villages including one with a population higher than 500, <u>and</u> , Residents use area for less than 3 activities, i.e., trapping and hunting only
C.	9	Moderate Density, year-round subsistence use --Use by residents of 3 or more villages or use by 1 village with a population higher than 500, <u>and</u> , Residents use area for 3 or more activities covering all seasons, i.e., hunting, fishing, berry-picking, house-logs, and trapping.
D.	6	Moderate Density, seasonal subsistence use --Use by residents of 3 or more villages or use by 1 village with a population greater than 500, <u>and</u> , Residents use area for less than 3 activities, i.e., trapping and hunting only

- | | | |
|----|---|---|
| E. | 4 | Low density, year-round subsistence use
--Use by residents of 1 or 2 villages with populations less than 500,
<u>and,</u>
Residents use area for 3 or more activities covering all seasons, i.e., hunting, fishing, berry-picking, house-logs, and trapping. |
| F. | 2 | Low density, seasonal subsistence use
--Use by residents of 1 or 2 villages with populations less than 500,
<u>and,</u>
Residents use area for less than 3 activities, i.e., trapping and hunting only |
| Z. | 0 | Negligible or unsubstantiated use |
-

CRITERION B. REFUGE MANAGEMENT (RM)

refers to the capacity of acquisition to enhance management of existing refuge lands. This criterion, although somewhat subjective, assigns priority to lands whose continued private ownership will hinder management efficiency of existing refuge lands. Management may be considered hindered by limitation of access, preclusion of refuge management activities due to "spillover" effects on private inholdings, and simple management efficiencies such as administration of access to inholdings. (10 points)

Under this criterion, an area is judged on how private ownership of the tract affects management and operations on adjacent refuge land. Refuge management issues are not threats to the resource, per se, but impacts on refuge lands caused by private ownership that decrease the quality or efficiency of Service management on federal lands. For example, access and fire management are two refuge responsibilities where management direction is often predetermined by the proximity of private land and not by resource values or refuge mission. Known refuge management concerns have been divided into several categories and then subdivided into classes based on level of concern. Categories will be summed under this criterion up to a maximum allowable score of 10.

Category 1: Access Management

Class	Points	
A.	9	No alternative public access available to refuge lands.
B.	5	Public access blocked to refuge lands; alternative access less desirable, but available.
C.	3	Additional public access to refuge lands desired to reduce congestion.
Z.	0	Acquisition would not improve public access to refuge lands.

Category 2: Management activities

- A. 4 Resource values on intermingled federal/private land high, but land ownership patterns such that management of the resources on federal land is considerably limited. (e.g., Kokechik Bay area on Yukon Delta Refuge)
- B. 2 Resource values on intermingled federal/private land high, but land ownership patterns such that management of the resources on federal land somewhat limited. (e.g., tracking bears on Kodiak may require free-ranging access.)
- C. 1 Management of adjacent public land would be more efficient, i.e., checkerboard ownership. Also included are private lands within wilderness boundaries.
- Z. 0 Acquisition would have negligible effect on efficiency.

Category 3: Fire Management

- A. 4 Acquisition of area would provide for reclassification of fire management response levels on adjacent refuge lands from full or modified suppression response to limited suppression response, and would potentially result in substantial suppression cost savings and realization of benefits of a natural fire regime.
- B. 2 Acquisition of area would provide for reclassification of fire management response levels on adjacent refuge lands from full suppression response to modified suppression response, and could result in some suppression cost savings and utilization of fire to meet habitat management objectives.
- C. 1 Acquisition of the area would not result in reclassification of fire management response levels on adjacent refuge lands, but would allow for use of prescribed fire to meet habitat management objectives.
- Z. 0 Acquisition would not affect fire management response levels on adjacent refuge lands.
-

CRITERION C. ABILITY OF ACQUISITION TO REDUCE THREATS (TR)

This criterion evaluates whether or not acquisition will significantly reduce or eliminate threats to the fish and wildlife resources of the area. This criterion can be an overriding consideration for acquisition depending on the significance of the threat. (30 points)

An inholding with a planned, imminent use that would adversely affect the fish and wildlife resources on adjacent refuge lands rates a high score if acquisition would eliminate or significantly reduce the threat, and so, protect the resources. If acquisition of that parcel would merely shift harmful effects to fish and wildlife resources in another area, a reduced score or no score should be given. Threats must be real; mere suitability for use will not justify a score, nor will mere perceived threat of use. The taking of fish and game resources for subsistence or under State or federal regulations shall not be considered a threat that can be controlled by acquisition of the inholding.

Since the Acquisition Priority Team was somewhat unsure as to what threats are facing the refuges, we mapped the threatened areas and loosely categorized them as described below. Subsequently, when all the refuges were mapped we assigned point scores on a relative threat basis and sought concurrence from the Regional Director. We are only trying to rank resource threats relatively among Alaskan refuges. We are not trying to rank threats against those facing refuges in the lower 48 states. There is only one category in this criterion with a maximum of 30 points possible for a unit of land.

Category: Threat

Class Points

- | | | |
|----|----|--|
| A. | 30 | Planned imminent development on inholding would severely affect wildlife resources; acquisition would eliminate threat. |
| B. | 20 | Acquisition of area would reduce or eliminate threats that are in preliminary stage of development. |
| C. | 10 | Acquisition of area would reduce potential (but real) threats to fish and wildlife resources of area. |
| Z. | 0 | Acquisition of area would not reduce or eliminate threats to fish and wildlife resources of the area. Threats may be real, but acquisition will not solve the problem. |
-

Table 3. Species or Groups Listed under Purposes of Refuges in the Alaska National Interest Lands Conservation Act.

Refuge:	Species or group:
Alaska Maritime	Marine mammals, marine birds and other migratory birds, the marine resources upon which they rely, bears, caribou and other mammals.
Alaska Peninsula	Brown bears, the Alaska Peninsula caribou herd, moose, sea otters and other marine mammals, shorebirds and other migratory birds, raptors, including bald eagles and peregrine falcons, and salmonids and other fish.
Arctic	Porcupine caribou herd, polar bears, grizzly bears, muskox, Dall sheep, wolves, wolverines, snow geese, peregrine falcons and other migratory birds, and Arctic char and grayling.
Becharof	Brown bears, salmon, migratory birds, the Alaskan Peninsula caribou herd, and marine birds and mammals.
Innoko	Waterfowl, peregrine falcons, other migratory birds, black bear, moose, furbearers and other mammals, and salmon.
Izembek	Waterfowl, shorebirds and other migratory birds, brown bears, and salmonids.
Kanutai	White-fronted geese and other waterfowl and migratory birds, moose, caribou, and furbearers.
Kenai	Moose, bears, mountain goats, Dall sheep, wolves and other furbearers, salmonids and other fish, waterfowl and other migratory and non-migratory birds.
Kodiak	Brown bears, salmonids, sea otters, sea lions and other marine mammals, and migratory birds.
Koyukuk	Waterfowl and other migratory birds, moose, caribou, furbearers, and salmon.
Nowitna	Trumpeter swans, white-fronted geese, canvasbacks and other waterfowl, and migratory birds, moose, caribou, martens, wolverines and other furbearers, salmon, sheefish, and northern pike.
Selawik	The Western Arctic caribou herd, waterfowl, shorebirds and other migratory birds, and salmon and sheefish.

Tetlin	Waterfowl, raptors and other migratory birds, furbearers, moose, caribou, salmon and Dolly Varden trout.
Togiak	Salmonids, marine birds and mammals, migratory birds and large mammals.
Yukon Flats	Canvasbacks and other migratory birds, Dall sheep, bears, moose, wolves, wolverines and other furbearers, caribou and salmon.
Yukon Delta	Shorebirds, seabirds, tundra swans, emperor, white-fronted and Canada geese, black brant and other migratory birds, salmon, muskox, and marine mammals.

Table 4. National Resource Species In Alaska
(from Federal Register/Vol. 50, No. 106, 1985).

Mammals	Polar bear, sea otter, Pacific walrus.
Birds	Sandhill crane, tundra swan, trumpeter swan, greater white-fronted goose, snow goose, brant, Canada goose, northern pintail, mallard, canvasback, ring-necked duck, redhead, bald eagle, golden eagle, peregrine falcon.
Fish	Sockeye salmon, coho salmon, chinook salmon, steelhead trout.

CHAPTER V

MANUAL INTERPRETATION OF ACQUISITION PRIORITY CRITERIA ON ALASKA MARITIME NATIONAL WILDLIFE REFUGE

As described in the two preceding chapters, acquisition priorities on 15 of the 16 refuges in Alaska were ranked to meet requirements of the Submerged Lands Act of 1988 using a sophisticated geographic information system, ARC/INFO, and criteria specifically designed for the project. Unfortunately due to the size and layout of Alaska Maritime National Wildlife Refuge and the limited time for the project, we were not able to computerize Alaska Maritime's resource or land status maps or consequently use the sophisticated techniques of ARC/INFO. Instead a manual interpretation of the Acquisition Priority Strategy was used. This manual ranking of acquisition priorities was accomplished using the following data sources.

Sowls, A. L., S. A. Hatch, and C. J. Lensink. 1978. Catalog of Alaskan Seabird Colonies. U. S. Fish and Wildlife Service, Biol. Services Program. FWS/O85 78/78.

U. S. Fish and Wildlife Service. 1979. Concept Plan for the Preservation of Migratory Bird Habitats, Alaska. Part 2, Seabirds. Unpublished Document. Anchorage, Alaska.

U. S. Fish and Wildlife Service, Division of Realty. 1986. Concept Plan for Alaska Maritime Refuge, Draft. Unpublished Document. Anchorage, Alaska.

U. S. Fish and Wildlife Service. 1987. Alaska Maritime National Wildlife Refuge Comprehensive Conservation Plan, Wilderness Review and Environmental Impact Statement. Anchorage, Alaska.

The Concept Plan for Alaska Maritime Refuge analyzed inholdings within the refuge. It was developed and printed in draft by the refuge and the Division of Realty several years ago. The Concept Plan includes a list of desirable lands for acquisition or exchange on the refuge. Because this list described the lands considered most desirable for acquisition by the refuge staff, it was used as the basic list for the refuge. Inholdings on this list were then further analyzed in our statewide Acquisition Priority System described in the preceding chapter.

Resource values for proposed acquisition areas on this list were rated based on the list of 'Top 70 Seabird Colonies' in Alaska found in the Concept Plan for the Preservation of Migratory Bird Habitats, the other three sources listed above, and after discussions with biologists of the Alaska Maritime Refuge. The "Top 70" list is based on the size and significance of colonies to individual species. If an area was on the 'Top 70' list, it was given a high value for seabirds. If the acquisition area was not in the 'Top 70' list, but was in the colony catalog, it was given a medium rating. Finally, if fewer than 100 birds nested in the area, it was given a low rating.

In addition to supplying information about seabirds, the Comprehensive Conservation Plan, the Concept Plan for Alaska Maritime Refuge, and the refuge staff provided information about other resource values on inholdings.

Each examined inholding was manually assigned values based on the Acquisition Priority System. This information was then recorded in tabular form with area locations noted on land status maps. Evaluated inholdings on Maritime Refuge with their associated Acquisition Priority System score were then inserted in ranked order in the computer-generated ranking list completed for the other 15 refuges.

All other inholdings within Alaska Maritime Refuge were ranked as low priority. Because of the number and widely scattered locations of these other inholdings, they are not displayed on maps in Appendix A. They, however, were originally evaluated in the Concept Plan.

It is noted that most habitat for seabirds does not rank high in the context of this report. Migratory waterfowl habitat, and especially Arctic nesting goose habitat, inherently ranks high within the traditional mission of the U.S. Fish and Wildlife Service. Habitats with a diversity of species also ranks high in this report because of their traditionally important place in the wildlife conservation scheme, and because natural diversity is noted as a statutory purpose of national wildlife refuges in Alaska.

Although other species are usually rare where there are large concentrations of seabirds, habitat for seabirds continues to be important for the inherent value of those species groups and for their value as indicators of the environmental health of maritime areas. Headlands, small island, and cliff regions that support dense populations with individual communities including hundreds of thousands of birds will not be discounted merely because they do not rank high in a state wide system. In step down plans for each refuge, seabird habitat is expected to rank very high in the refuges where seabirds are abundant.

The inherent importance of seabirds will also rise for consideration when policy decisions concerning land protection on refuges in Alaska are important. Should a threat arise that would endanger the continued existence of a seabird colony, additional points would be assigned to the inholdings as described in the Threats criterion that would automatically raise the area to a high priority for acquisition.

CHAPTER VI

DEFINITIONS OF DENSITY CLASSES USED FOR WILDLIFE SPECIES IN THE ACQUISITION PRIORITY MODEL

The table on the following pages defines the meaning of 'high,' 'medium,' and 'low' population densities as they are used in the Acquisition Priority System. Density classes are calibrated across all refuges, and therefore, comparisons can be made among refuges.

Table 5 is arranged by species for each criterion. High, medium and low density classes are then defined, if possible, and a source for the definition given. Refuges where a species occurs are listed by density class(es) found on the refuge (refuge abbreviations are displayed below).

The presence or absence of supporting scientific data was considered in assigning class point values. For species where little quantitative data are available, density classes are purely subjective and no density definition is given. For these species, the Acquisition Priority team set the density classifications subjectively after comparing general information about a species and available habitats on all refuges. Medium density was usually considered the default classification when little information was available about a species. For example, furbearers on most refuges were assigned a medium density because generally little is known about their population status except distribution and trend.

Refuge Abbreviations			
AM	Alaska Maritime Refuge	AP	Alaska Peninsula Refuge
AR	Arctic Refuge	BE	Becharof Refuge
IN	Innoko Refuge	IZ	Izembek Refuge
KA	Kanuti Refuge	KE	Kenai Refuge
KD	Kodiak Refuge	KY	Koyukuk Refuge
NO	Nowitna Refuge	SE	Selawik Refuge
TE	Tetlin Refuge	TO	Togiak Refuge
YD	Yukon Delta Refuge	YF	Yukon Flats Refuge

As was stated earlier in Chapter III, the availability of wildlife data is limited across the refuges. The Service used population density data rather than habitat data, because there is considerably more population data than habitat data available statewide. Comparing habitat values on refuges statewide would have been possible given our current information. However, the Acquisition Priority System is flexible and if in the future, habitat analysis is completed for many species, it will be incorporated into the system.

Table 5. Wildlife Density Class Definitions, Acquisition Priority System

CRITERION 1
ENDANGERED SPECIES

<u>Species</u> <u>Class</u>	Density class definition and refuges on which species found
<u>American peregrine falcon</u> (also mapped under Diversity of Uplands)	
A	nest: YF, TO, KA, AR, YD, NO, KY
B	feed: IN, KY
C	migration: AR, SE, TE sightings: TO
D	historic: IN, YD, SE, NO, AR
<u>Aleutian Canada Goose</u> (also mapped under Diversity of Wetlands)	
Densities not used, see definition of classes in Chapter IV.	
<u>Aleutian Shield Fern</u> (also mapped under Diversity of Uplands)	
Densities not used, see definitions of classes in Chapter IV.	

CRITERION 2:
MIGRATORY BIRDS

(Unless indicated all species are also mapped under Diversity of Wetlands)

<u>Cackling Canada</u>		<u>Ave birds/sq mi</u>			
<u>Goose</u>	<u>Nesting:</u>	<u>YD</u>	<u>Staging</u>		
High		31.7			
Med.		9.1	AP		
Low		0.8			
		(Butler 1989)			
<u>Emperor goose</u>		<u>Ave birds/sq mi</u>			
	<u>Nesting:</u>	<u>YD</u>	<u>Staging</u>	<u>Winter</u>	
High		17	KD,AP,TO	AM	
Med.		4.2	TO		
Low		0.7	BE,KD,TO	AP	
		(Butler 1989)			
<u>Pacific white-fronted</u>		<u>Birds/sq mi</u>			
<u>goose</u>	<u>Nesting:</u>	<u>YD</u>	<u>No Data</u>	<u>Staging</u>	<u>Molting</u>
High		GT 0.9			
Med.		0.4-0.9			AP
Low		GT 0.4	KE	AP,BE	
		(Hodges 1989)			

Table 5 (Continued).

CRITERION 2
MIGRATORY BIRDS

Species Class	Density class definition and refuges on which species found
---------------	---

<u>Brant</u>	<u>Nesting Colonies</u>	<u>No Data Staging:</u>
High	YD	IZ, KD, AR
Med.		TO
Low	YD	TO, KD (historic)

<u>Canvasback</u>	<u>Nesting:</u>	<u># Birds/sq mi</u>	<u>Birds/sq mi</u>	<u>No Data Staging</u>
High		IN, KA, KY, NO, SE, YD, YF	TE	KE
Med.		GT 1.25	10.59	
Low		0.25-1.25		
		LT 0.25	0.27	
		(Hodges 1989)		

<u>Northern pintail</u>	<u>Nesting:</u>	<u>Birds/sq mi</u>	<u>Pairs/sq mi</u>	<u>No Data</u>	<u>No Data Staging/Molting</u>
High		IN, KA, KY, NO, SE, YD, YF	TE	KA	KE, TO, AR, KD, AP
Med.		GT 3.0	15.8	11-14	
Low		0.6-3.0	1.1		
		LT 0.6	0.7	LT 1	AP, AR
		(Hodges 1989)			AP, IZ

<u>Mallard</u>	<u>Nesting:</u>	<u>Birds/sq mi</u>	<u>Pairs/sq mi</u>	<u>No Data</u>	<u>No Data Staging</u>
High		IN, KA, KY, NO, SE, YD, YF	TE	KA	KE, TO, AP
Medium		GT 1	17.6	8	AP
Low		0.4-1.0	2.7		AP, TO
		LT 0.4	2.5	2	IZ
		(Hodges 1989)			

Bristle-thighed curlew (Also considered under Diversity of Uplands)

High	Known or high density nesting or staging	YD
Med.	Probable or medium density nesting or staging	YD
Low	Possible or low nesting	YD, SE
	(McCaffrey 1989 and Gill 1989)	

<u>Tundra swan</u>	<u>Nesting:</u>	<u>Birds/sq mi</u>	<u>No Data</u>
High		IZ, YD, SE, AP, BE, AR	
Med.		GT 1.2	
Low		0.5-1.2	
		LT 0.5	KD
		(Hodges 1989)	

Table 5 (Continued).

MIGRATORY BIRDS (Continued)

Species Class	Density class definition and refuges on which species found		
<u>Trumpeter swan</u>			
		<u>KE</u>	
High		Staging areas	
Med.		0.12/birds/sq mi	
Low		0.04/birds/sq mi	
		(Bailey 1989)	
<u>Swan</u>		<u>Birds/sq mi</u>	<u>No Data</u>
	<u>Nesting:</u>	<u>IN,KA,KY,NO,SE,YD,YF</u>	<u>Staging</u> <u>Migration</u>
High		GT 1.2	TE, IN
Med.		0.5-1.2	KY TE
Low		LT 0.5	
		(Hodges 1989)	
<u>Greater white-fronted Goose</u>		<u>Birds/sq mi</u>	<u>No Data</u>
	<u>Nesting:</u>	<u>IN,KA,KY,NO,SE,YF</u>	<u>Staging</u> <u>Migration</u>
High		GT 0.9	KE,AR,TO,KD
Med.		0.4-0.9	TE
Low		LT 0.4	TO
		(Hodges 1989)	
<u>Snow goose</u>		<u>Staging</u>	
High		KE,AR,YD	
Med.		AR,YD	
Low		AR,AP,TO,YD	
<u>Canada goose</u>		<u>Birds/sq mi</u>	<u>No Data</u>
	<u>Nesting:</u>	<u>IN,KA,KY,NO,SE,YD,YF</u>	<u>Staging</u> <u>Molting</u>
High		GT 0.9	KD,AR,KE
Med.		0.4-0.9	
Low		LT 0.4	KD,AR,KE AP
		(Hodges 1989)	
<u>Lesser canada goose</u>		<u>No Data</u>	
		<u>Staging</u>	
High			
Med.			
Low		TO	

Table 5 (Continued).

MIGRATORY BIRDS (Continued)

Species	Density class definition and refuges on which species found			
Class				
Taverner's Canada Goose	<u>Nesting:</u>	<u>Birds/sq mi</u>		
		YD		
High		7.7		
Med.		1.3		
Low				
		(Butler 1989)		
Ring-necked Duck	<u>Nesting:</u>	<u>Birds/sq mi</u>		<u>Birds/sq mi</u>
		IN,KY,NO,SE,YD		TE (birds)
High		none		15
Med.		same as A & B of Lands Act waterfowl		4.9
Low		same as C of Lands Act waterfowl		2.8
		(Hodges 1989)		
Land's Act waterfowl	<u>Nesting:</u>	<u>Birds/sq mi</u>		<u>Birds/sq mi</u>
		IN,KA,KY,NO,SE,YD,YF	<u>No Data</u>	TE
High		GT 12.5		126
Med.		6.2-12.5		28
Low		LT 6.2	KE, IZ	24.9
		(Hodges 1989)		
Sandhill crane	<u>Nesting:</u>	<u>Birds/sq mi</u>	<u>No Data</u>	
		IN,KA,KY,NO,SE,YD,YF	<u>Nesting</u>	<u>Staging</u> <u>Migration</u>
High		GT 0.75		KY, TO
Med.		0.35-0.75		TE
Low		LT 0.35	IZ, KE, TO, AP, BE	
		(Hodges 1989)		
Golden eagle	(Also considered under Diversity of Uplands)			
	<u>Nests w/1 mi buffer</u>	<u>No Data:</u>	<u>Nesting</u>	<u>Wintering</u>
High	TO, KD, AR		AR, YD, KD	
Med.			KE, KD, SE, AR	YD
Low			TE, TO, IZ, YD, KD	
Bald eagle	<u>Nesting:</u>	<u>Birds/sq mi</u>	<u>Nests w/buffer</u>	<u>No Data</u>
High		GT 0.11 KD, YF, KE	YF, KY, KA	AP, BE
Med.		0.06-0.11 KD, KE, TE, NO		AP, KY, KA
Low		LT 0.06 TO		BE, IN, KY, YD, YF, KE
		(Zwiefelhofer 1989)		

Table 5 (Continued).

MIGRATORY BIRDS (Continued)

Species Class	Density class definition and refuges on which species found			
<u>Lands Act shorebirds</u> --Shorebirds where listed as a purpose of the refuge				
	<u>Staging:</u>	<u>Birds/sq km</u> YD	<u>Birds/sq km</u> Use for other refuges	<u>No Data</u>
High		GT 135.1	GT 100	IZ
Med.		68.4-93.9	51-100	
Low		LT 34.8 (Ernst 1989)	LT 50	SE, IZ
<u>Lands Act Seabirds</u> --Seabirds where listed as a purpose of the refuge. Also				
	<u>Nesting:</u>	<u>Seabird Catalog</u>	considered under Diversity of Wetlands	
High		Top 70 colonies	BE, AM, YD, TO	
Med.		Other colonies	AP, BE, AM, YD, TO	
Low		Few (Trapp 1978)	AM	
<u>Lands Act raptors</u> --Raptors where listed as a purpose of the refuge				
	<u>Nesting:</u>	<u>Osprey (TE)</u>		
High		Nests with 1 mi buffer		
Med.				
Low				
CRITERION 3: DIVERSITY OF UPLANDS				
<u>Caribou</u>				
		<u>Caribou/sq mi</u>	<u>No Data</u>	
High		GT 5 SE, AP, BE, AR		
Med.		2-5 SE, TE, KY, YF		
Low		LT 2 IZ, KE, YD, TO, YF, KY, TE, KA	IN	
<u>Grizzly bear</u>				
		<u>Bears/sq mi</u>		
High		GT 0.5 KD		
Med.		0.25-.5 KD, KE, AP		
Low		LT 0.25 KD, KE, BE, IZ, YD, TE, NO, KY, KA, YF, SE, AR, TO		
<u>Muskox</u>				
	<u>YD</u>	<u>AR (400-500 whole refuge)</u>		
High	500-800: Nunivak	High seasonal or year-round use with calving		
Med.	225: Nelson	High seasonal or year-round use without calving		
Low	C	General distribution area		

Table 5 (Continued).

DIVERSITY OF UPLANDS (Continued)

Species Class	Density class definition and refuges on which species found									
Dall sheep	Total population				No Data					
	TE	KE								
High	150	1000	AR YF							
Med.										
Low										
Wolf	Wolves/sq mi				No Data			KA		
High	GE 0.04	KE, TE, NO, KY(2 packs)						0.02		
Med.	0.02-0.04	KE, SE			KA, KY					
Low	LT 0.02	KE, IZ			AR, TO, YF, AP, BE, IN					
Wolverine	No Data (but ADF&G harvest notes)									
High										
Med.	KY, NO, SE, AP, BE, AR									
Low	KY, YD, AP, BE, IN, KA, TE, TO, IN									
Moose	Moose/sq mi		Moose/sq mi		No Data					
	KE		Other Refuges							
High	5-10		GT 4 NO, KY,		IN					
Med.	2-5		1.0-3.9 NO, KY, SE, YD		IN					
Low	LT 2		LT 1 NO, KY, SE, YD, TE		IN, KA, AR, AP, BE, YF, TO					
Black bear	Bear/sq. mi									
	KE	TE	NO	KY	TO	YF	SE	IN	KA	AR
High	A		0.12-0.16	A				A	streams	
Med.		0.08		B				B	B	
Low	C	C		C	C	C	C	C	C	C
Mountain goat	KD									
	KE									
High	A	A								
Med.		B (50)								
Low		C								
Peregrine Falcon										
High	nests									
Med	migration or feeding									
Low	suitable, sightings									

Table 5 (Continued).

DIVERSITY OF UPLANDS (Continued)

Species Class	Refuge Density or other basis for class		
<u>Marten</u>			
	<u>No Data</u>	<u>YF (tracks/mi)</u>	<u>NO</u>
High	KY	0.61-1.2	1000-1500 animals trapped
Med.	KE, TE, KY, SE, KD, IN	0.4-1.1	
Low	YD, TE, KY, KD, KA, AR	LT 0.4	
<u>Sitka black-tailed deer</u>			
	<u>KD (no data)</u>		
High	A		
Med.	B		
Low	C		
<u>Arctic fox</u>			
	<u>No Data</u>		
High	YD		
Med.	YD, AR		
Low	YD, AR		
<u>Red fox</u>		<u>Tracks/mi</u>	
	<u>No Data</u>	<u>YF</u>	
High	IZ, YD, TO, SE, AP, BE	GT 3.2	
Med.	YD, TE, NO, KY, KD, KA, BE, IN, AR	0.1-0.4	
Low	KE, TE, KD, AP, AR	LT 0.1	
<u>Lynx</u>		<u>Tracks/mi</u>	<u>Harvest</u>
	<u>No Data</u>	<u>YF</u>	<u>NO</u>
High	KE, KY, AR(south)	0.1-1.1	150
Med.	KE, KY, AR	0.03-0.1	
Low	KE, KY, YD, TE, TO, SE, AP, BE, KA, IN, AR	LT .02	
<u>Shorebirds</u>			
	<u>TE</u>		
High			
Med.			
Low	C(whimbrel)		

Table 5 (Continued).

CRITERION 4:
DIVERSITY OF WETLANDS (Continued)
(Also includes most species mapped in Migratory Birds)

<u>Species</u> <u>Class</u>	Density class definition and refuges on which species found
<u>River otter</u>	
	<u>No Data</u>
High	KE, YD, AP, BE
Med.	KE, IZ, YD, TE, NO, KY, SE, AP, BE, IN, KA, AR, KD
Low	KE, YD, TE, YF, AP, BE, KA, AR, TO
<u>Mink</u>	
	<u>No Data</u>
High	KE, YD, AP, BE
Med.	KE, YD, TE, NO, KY, TO, SE, AP, BE, IZ, IN, AR, KA
Low	KE, TE, YF, AP, AR
<u>Beaver</u>	
	<u>No Data</u>
High	KE, TE, KY, TO, YF, SE, IN
Med.	KE, YD, TE, NO, YF, KD, KA, AR, AP, BE
Low	KE, NO, YF, SE, AP, BE, AR, BE, KD
<u>Muskrat</u>	
	<u>No Data</u>
High	TE, KA
Med.	KE, YD, TE, NO, YF, AR, KA
Low	KE, KY, IN, AR, KA

CRITERION 5:
MARINE MAMMALS

(This group is also considered in Diversity of Uplands)

<u>Fur seal rookery</u>	No rookeries found on inholdings.
<u>Fur seal haulout</u>	No haulouts found on inholdings.

<u>Sea lion haulout</u>	
	<u>No Data</u>
High	TO, YD
Med.	KD
Low	TO, YD

Table 5 (Continued).

<u>Species</u>	Density class definition and refuges on which species found
<u>Class</u>	

Sea lion rookery

	<u>No Data</u>
High	KD
Med.	KD
Low	

Pacific walrus

	<u>No Data</u>
High	TO
Med.	
Low	TO

Seal rookery

	<u>No Data</u>
High	TO
Med.	
Low	

Polar bear

	<u>Den sites with a 1-mi buffer</u>
High	AR
Med.	
Low	

Sea otter

	<u>No Data</u>
High	IZ, KD
Med.	
Low	KD

Seal haul out area

	<u>No Data</u>
High	TO, KD, IZ
Med.	TO
Low	TO, KD, YD

Table 5 (Continued).

CRITERION 6:
RESIDENT, REFUGE PURPOSE SPECIES

Resident species under this criterion are defined as mammals specifically mentioned in the Alaska Lands Act as a purpose of the refuge. Therefore, some refuges have several refuge purpose species, while other refuges have few or none. Density classes for resident species are the same as were used under Criterion 3, Diversity of Uplands. Species individually mentioned as a purpose of a refuge are listed below. Since marine mammals are already considered in both Criterion 3 and 5, they are excluded from this list.

<u>Refuge</u>	<u>Mammals listed as purpose of refuge by Alaska Lands Act</u>
Alaska Maritime	Caribou
Alaska Peninsula	Brown bears, caribou, moose
Arctic	Caribou, grizzly bears, muskox, Dall sheep, wolves, wolverine
Becharof	Brown bears, caribou
Innoko	Black bear, moose
Izembek	Brown bears
Kanuti	Moose, caribou
Kenai	Moose, mountain goat, Dall sheep, wolves
Kodiak	Brown bears
Koyukuk	Moose, caribou
Nowitna	Moose, marten, wolverine
Selawik	Caribou
Tetlin	Moose, caribou
Togiak	
Yukon Flats	Dall sheep, moose, wolves, wolverine, caribou
Yukon Delta	Muskox

Table 5 (Continued).

CRITERION 7:
FISHERIES

(This group is also considered in Diversity of Wetlands)

<u>Species</u> <u>Class</u>	Density class definition and refuges on which species found
<u>Fish species</u>	Densities not used, see Definitions of this category in Chapter IV.
<u>Fish populations</u>	
High	Salmon escapement greater than 100,000
Med.	Salmon escapement 50,000-100,000 or major spawning area for Lands Act refuge purpose fish
Low	Salmon escapement less than 50,000 or resident population of unknown size.

CHAPTER VII

STATEWIDE SUMMARY OF ACQUISITION PRIORITIES ON NATIONAL WILDLIFE REFUGES

Table 6 presents an acreage summary of acquisition priorities on all refuges in Alaska by ownership type. It should be noted that total acreage figures of acquisition priorities presented in Tables 6 - 23 may exceed acreages depicted in other land status tables or maps displayed earlier in this document. There is a significant, but confusing difference, between acres of acquisition priorities and inholding acres.

Land status in the Acquisition Priority model is derived from Bureau of Land Management computerized case file data, which the Service converted to a computerized mapping system, ARC/INFO. Unfortunately, there was no easy or fast way the Service could locate these inholdings below the section level using the tabular data base as the source. Therefore, as the model displayed land status ownership patterns on a map and compared them to resource data, it could not locate inholdings below the section level.

In other words, a single 40-acre inholding in a section automatically meant that the entire 640-acre section was evaluated as to its priority ranking for acquisition. Consequently, 'total acquirable acres' includes some federally-owned land from sections only partially owned by inholders. For this reason, acreage summaries of acquisition priorities are not the same as summaries of land status listed in Chapter II and described in the main report.

In the future, as the Service completes habitat protection plans for inholdings on each refuge, we will examine only the actual parcel of private land, not the entire section.

In addition, two related problems confused by this mapping problem are the issues of multiple selections and overselections. Until these selections have been adjudicated, there is no way to identify who ultimately will own what parcel. Tables 6 - 23 include overselections and multiple selections under 'ownership/selection.' These tables display the maximum acreage selected by each ownership type. Actual conveyances under each ownership type will be less than displayed.

To avoid totalling multiple selections so that a section or a township was seemingly larger than the standard 640 or 24,000 acres, respectively, the Service computed 'Total acquirable acreage' by including a correction factor that limited the size of a section to its real size despite multiple selections. In other words, the Service did not simply add the columns or rows in Tables 6 - 23 to get 'Total acquirable acres.' Instead, these totals were computed separately.

Table 6. STATEWIDE SUMMARY OF ACQUISITION PRIORITIES ON
NATIONAL WILDLIFE REFUGES IN ALASKA.

Summary of Land Acquisitions Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership/Selection	Acquisition Priority		
	High	Medium	Low
Native Allotment	268,109	200,099	132,926
Native Corporation	6,215,892	6,178,614	6,590,786
State of Alaska	234,853	474,214	952,023
Other Private	2,652	2,997	1,450
*Total Acquirable Acreage	8,211,989	7,710,203	8,048,074

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

CHAPTER VIII

SUMMARY OF ACQUISITION PRIORITIES BY REFUGE

Tables 7 - 22 and Figures 5 - 20 summarize acquisition priorities by refuge for the 16 National Wildlife Refuges in Alaska. The tables summarize acquisition priorities by ownership type for each refuge. Refuges are listed alphabetically. Following each table is a map of the refuge with acquisition priorities rated as high, medium or low.

As was explained in Chapter III, the precision level of both resource and land status data is such that priorities, at this time, should only be ranked as high, medium or low. Since there was little basis for deciding otherwise, the inholdings were divided into three approximately equal groups of high, medium and low priority. In addition, since the land status data is only valid to the section level, priorities should only be assigned to the entire section despite the fact that the resource information may subdivide the section. The entire section is rated after the highest ranked area within that section. In the future, as refuges are examined individually and inholdings located within a section, smaller-than-section areas will be ranked in priority.

As noted earlier, total acreage figures summarizing land status in Alaska are only estimates. Accurate figures will be possible when all land has been surveyed and conflicting claims adjudicated. Chapter II figures are our best approximations of the acres of inholdings in national wildlife refuges in Alaska. The numbers presented in Chapters VII, VIII, and IX estimate acquisition priorities which is different from land status. Because inholdings can only be located to the nearest section, if any part of the section was an inholding the whole section was included in the priority ranking. Thus, 'total acquirable acres' includes some federally-owned land. Later, when refuges are examined individually and privately-owned parcels located within a section, these federal lands will be excluded from the acquisition priority model.

In addition, two related problems confused by this mapping problem are the issues of multiple selections and overselections. Until these selections have been adjudicated, there is no way to identify who ultimately will own what parcel. Tables 7 - 23 include overselections and multiple selections under 'ownership/selection.' These tables display the maximum acreage selected by each ownership type. Actual conveyances under each ownership type will be less than displayed.

To avoid totalling multiple selections so that a section or a township was seemingly larger than the standard 640 or 24,000 acres, respectively, the Service computed 'Total acquirable acreage' by including a correction factor that limited the size of a section to its real size despite multiple selections. In other words, the Service did not simply add the columns or rows in Tables 6 - 23 to get 'Total acquirable acres.' Instead, these totals were computed separately.

TABLE 7. SUMMARY OF ACQUISITION PRIORITIES:
ALASKA MARITIME NATIONAL WILDLIFE REFUGE.

Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

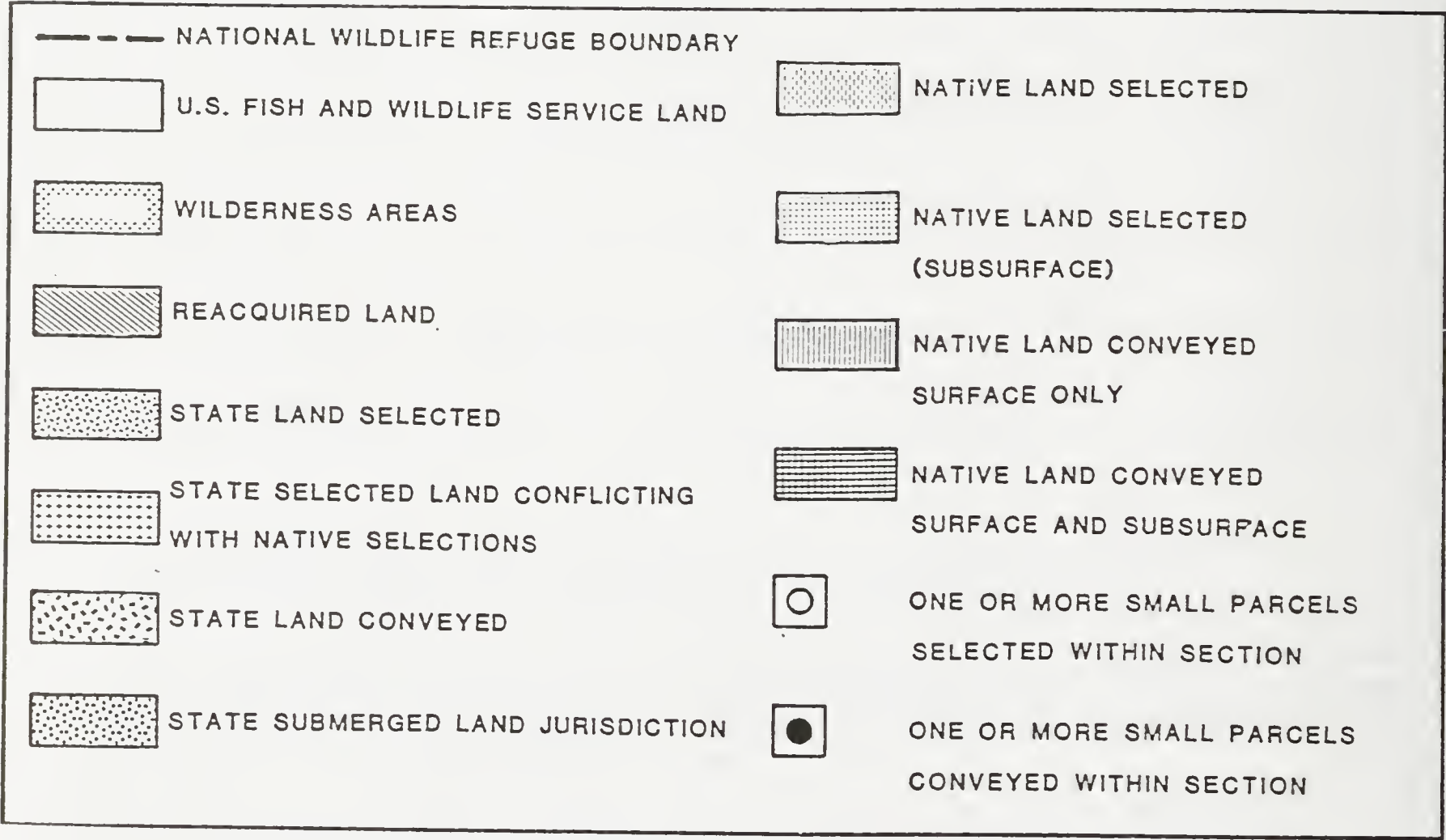
Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	5,600	0	23,070
Native Corporation	752	30,938	130,285
State of Alaska	0	42,000	10,876
Other Private	0	0	54
*Total Acquirable Acreage	6,352	72,938	164,285

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

Figure 5a. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Cape Dyer	High
Cape Lisburne	High
Cape Thompson	High

Legend



ANN STEVENS — CAPE LISBURNE

CAPE DYER

LISBURNE
PENINSULA

CAPE THOMPSON

(Division of Realty, USFWS 1989)

SCALE IN MILES
5 0 5 10 15

Figure 5b. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
King Island	Medium
Fairway Rock	Low
Little Diomede Island	Low

Legend

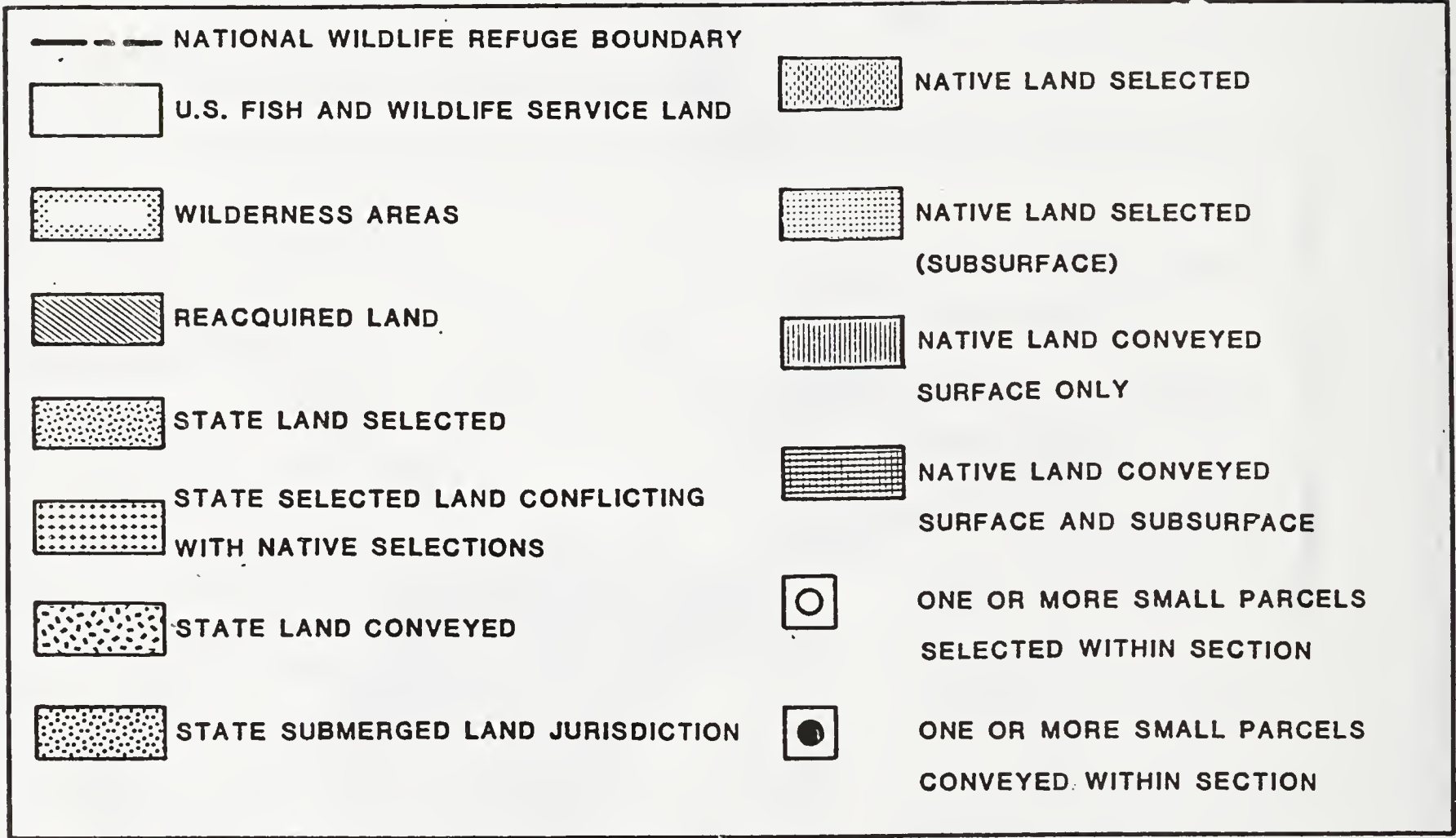
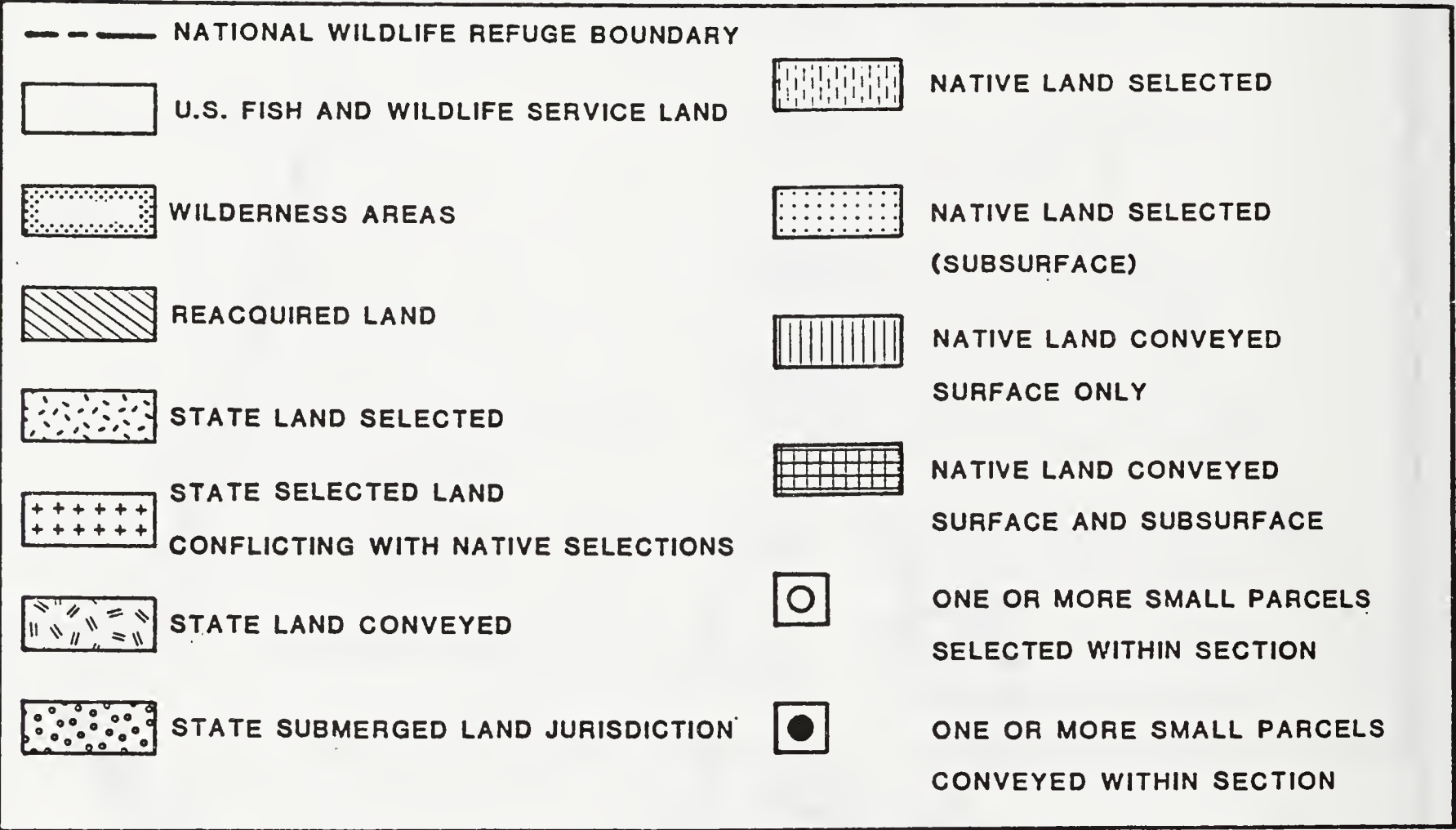


Figure 5c. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Sledge Island	Low

Legend



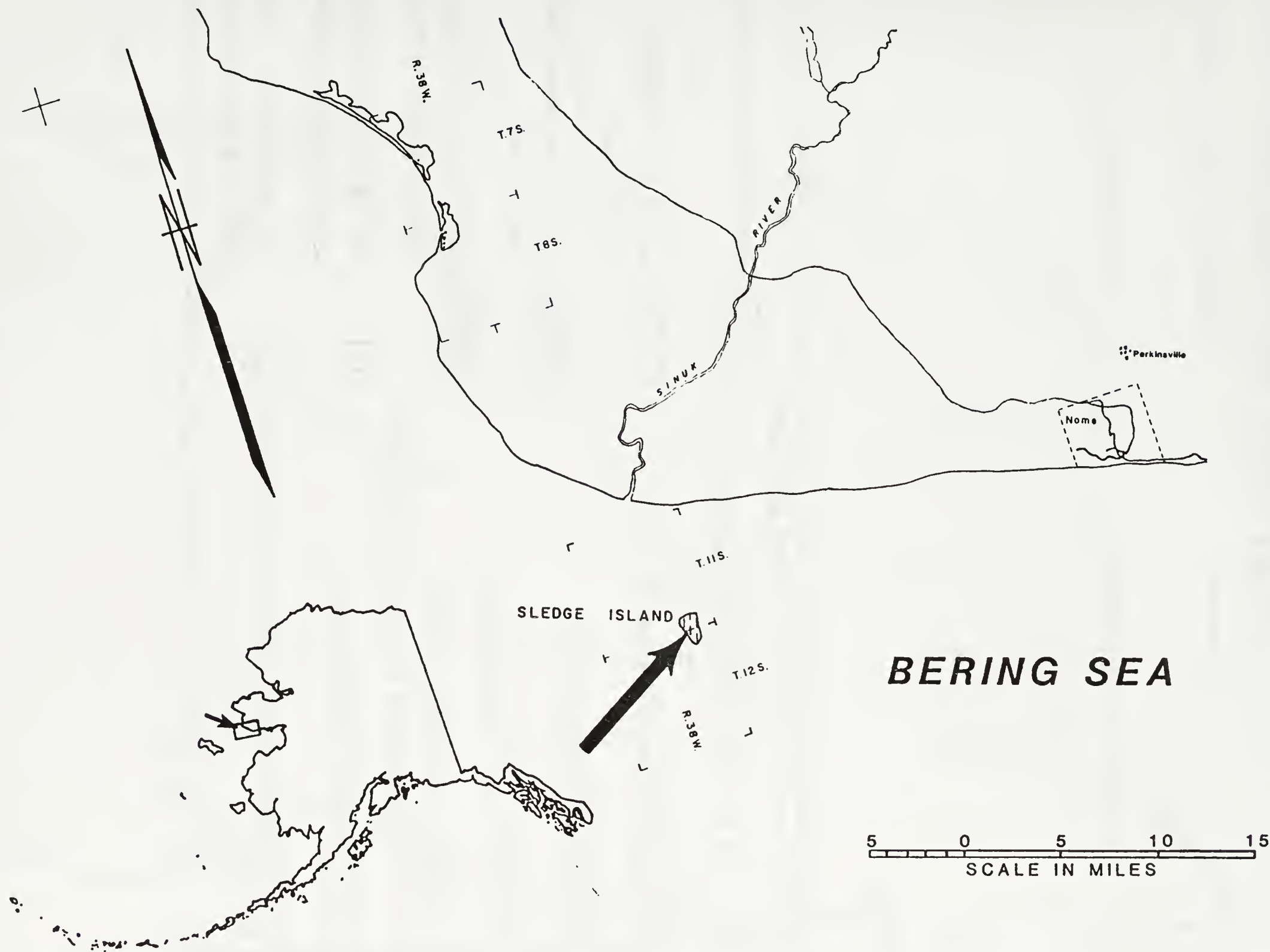
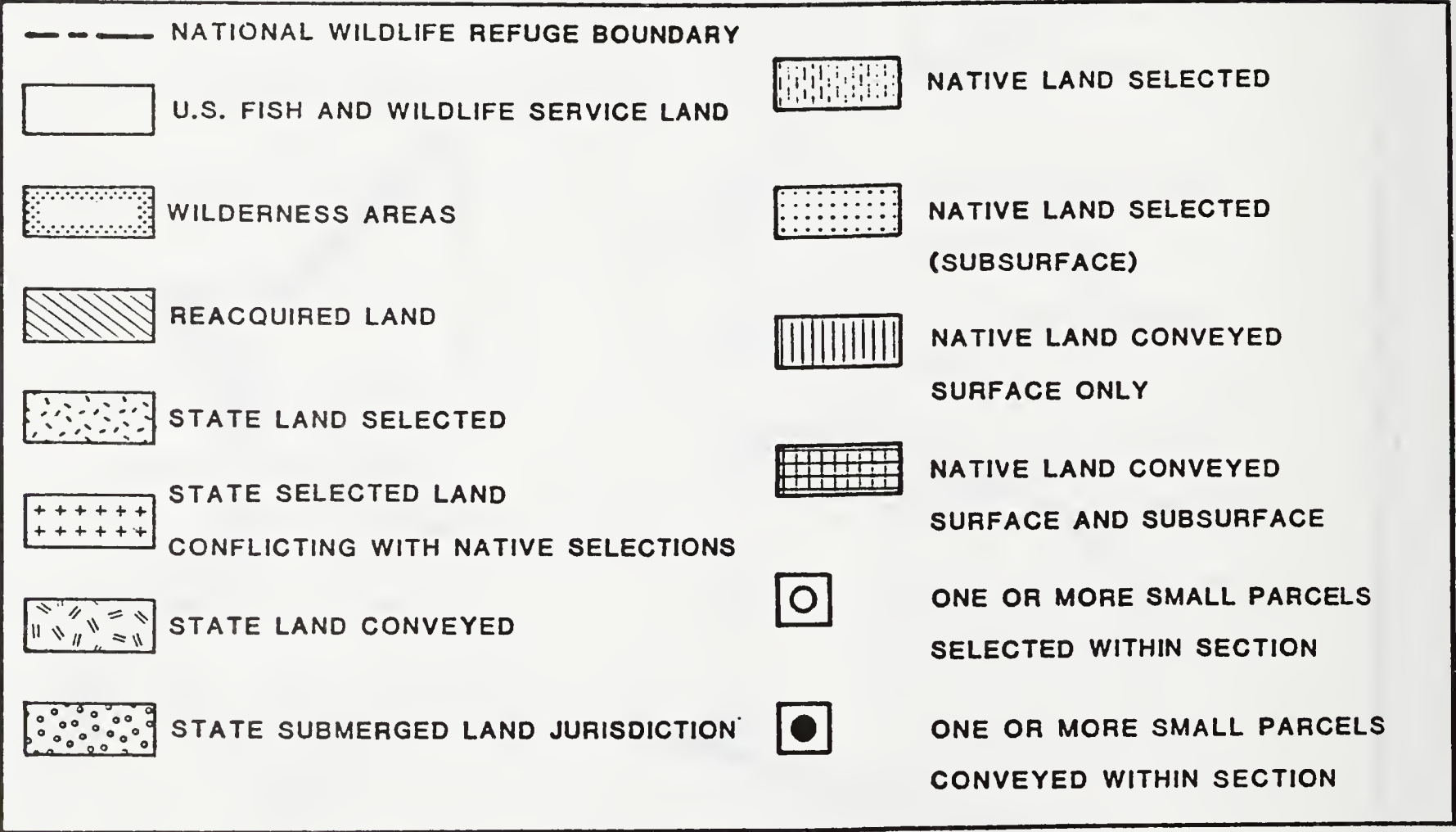


Figure 5d. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Bluff	Low
Cape Darby	Low

Legend



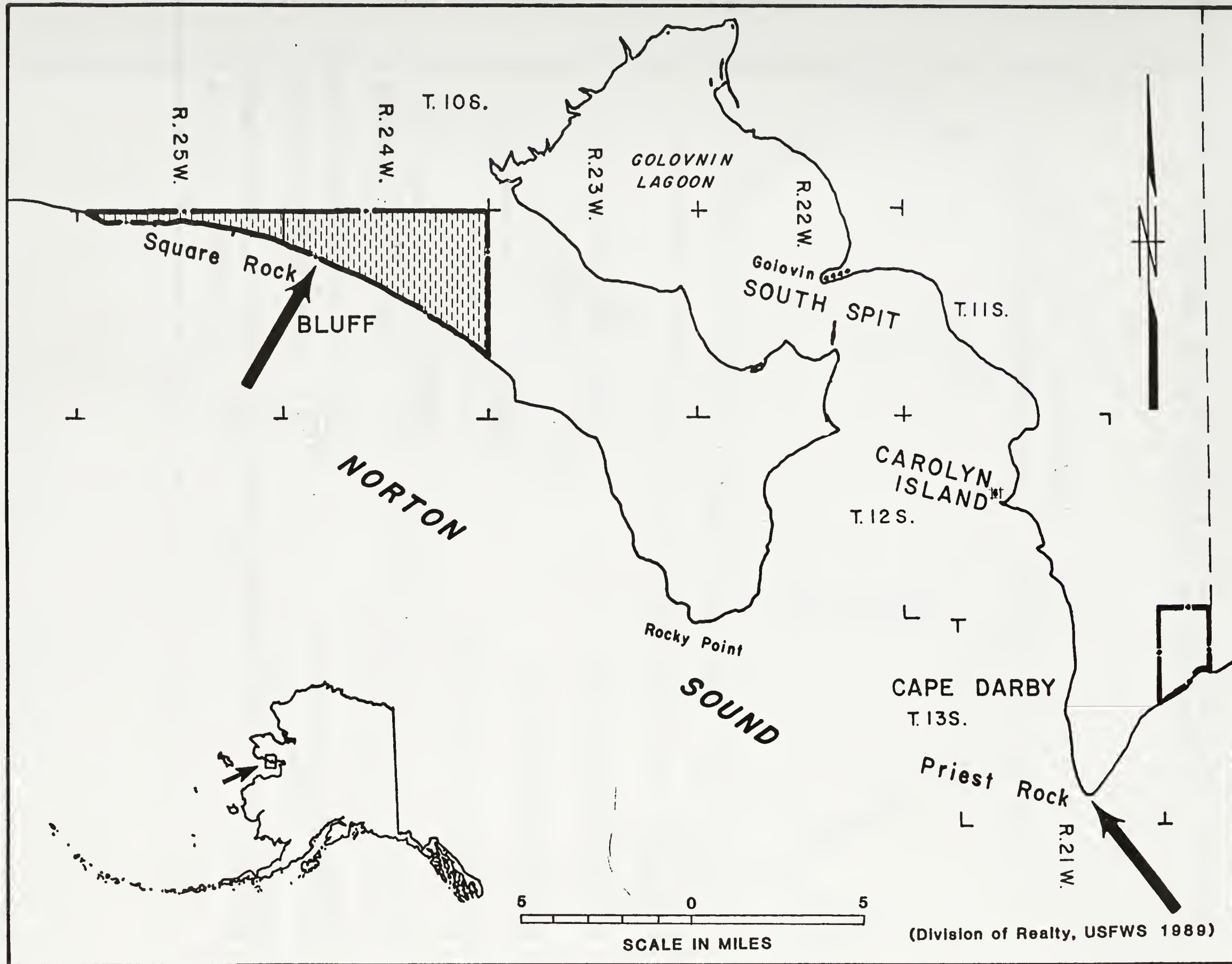
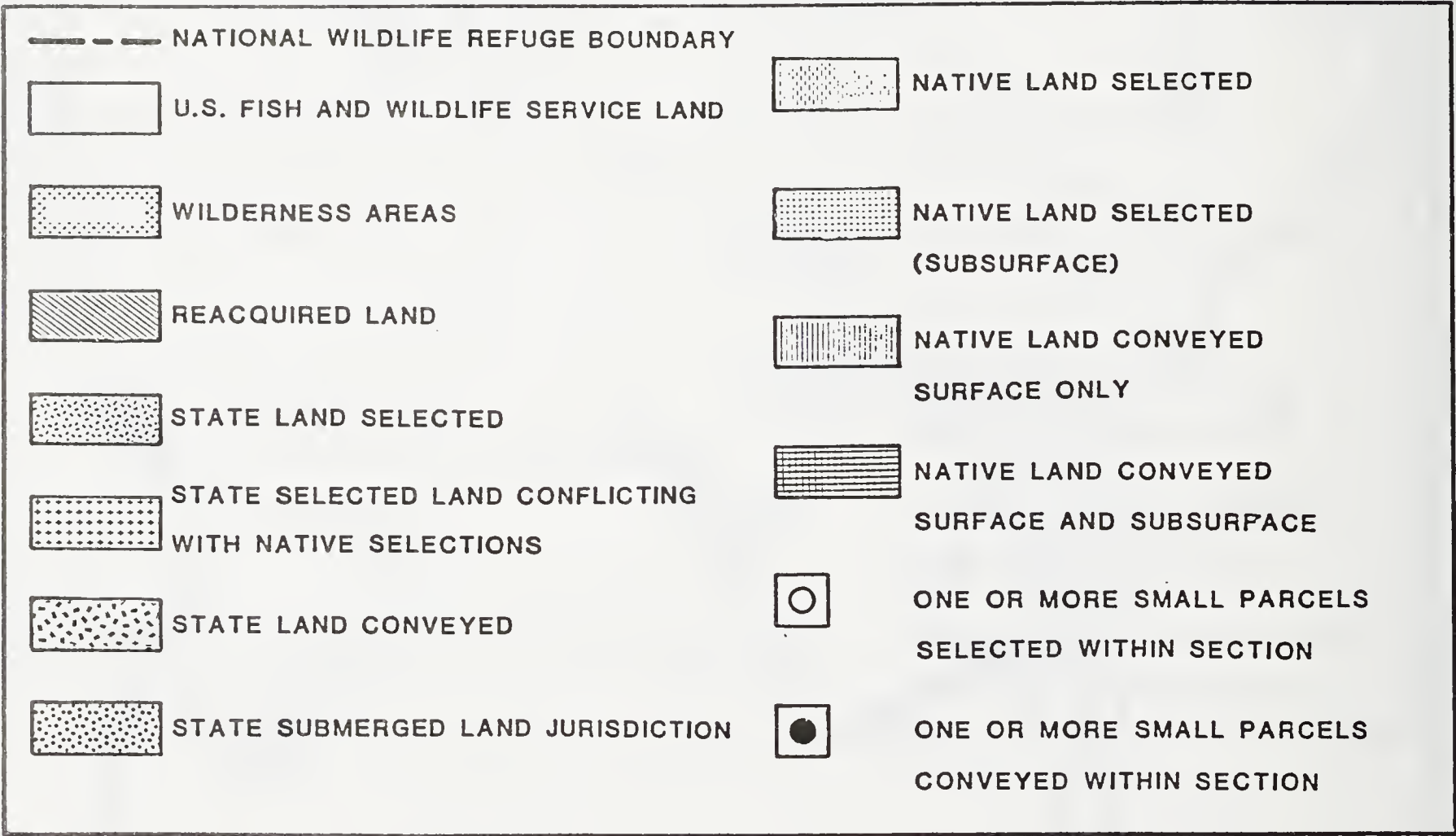


Figure 5e. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Cape Denbigh	Low
Egg Island	Low

Legend



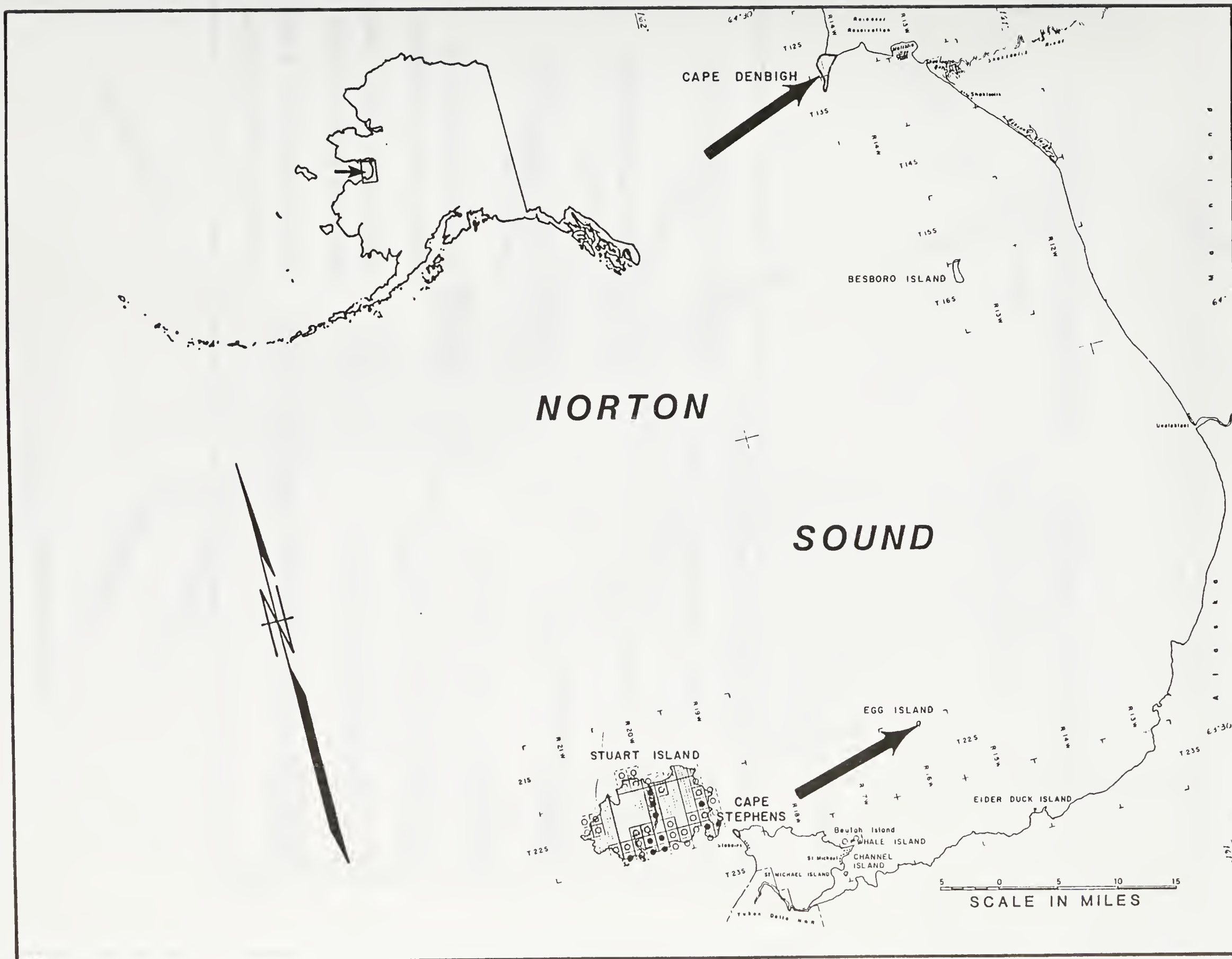


Figure 5f. Acquisition priorities based on combined resource data
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
St. Lawrence Island (various colonies)	Low

Legend

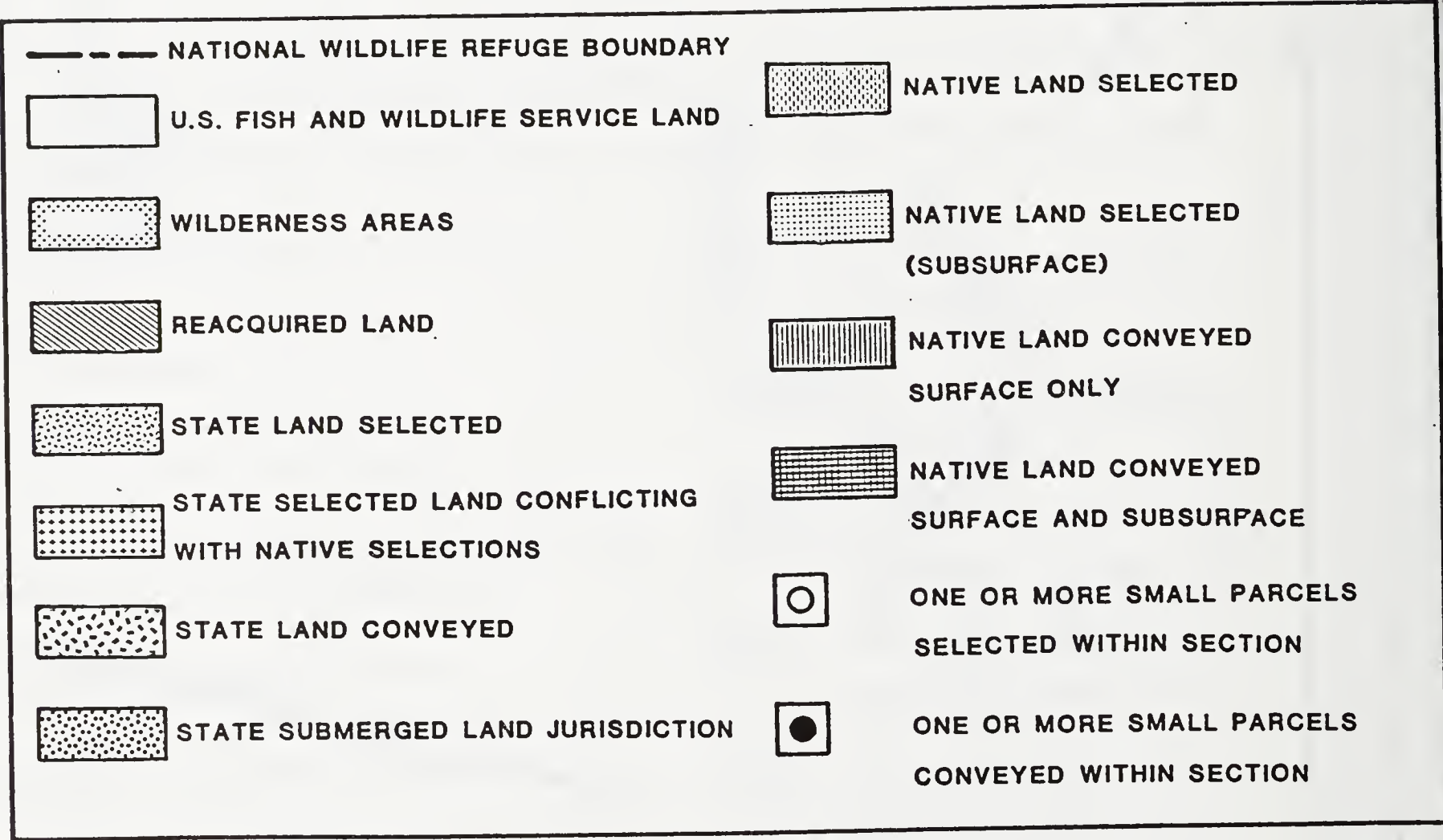
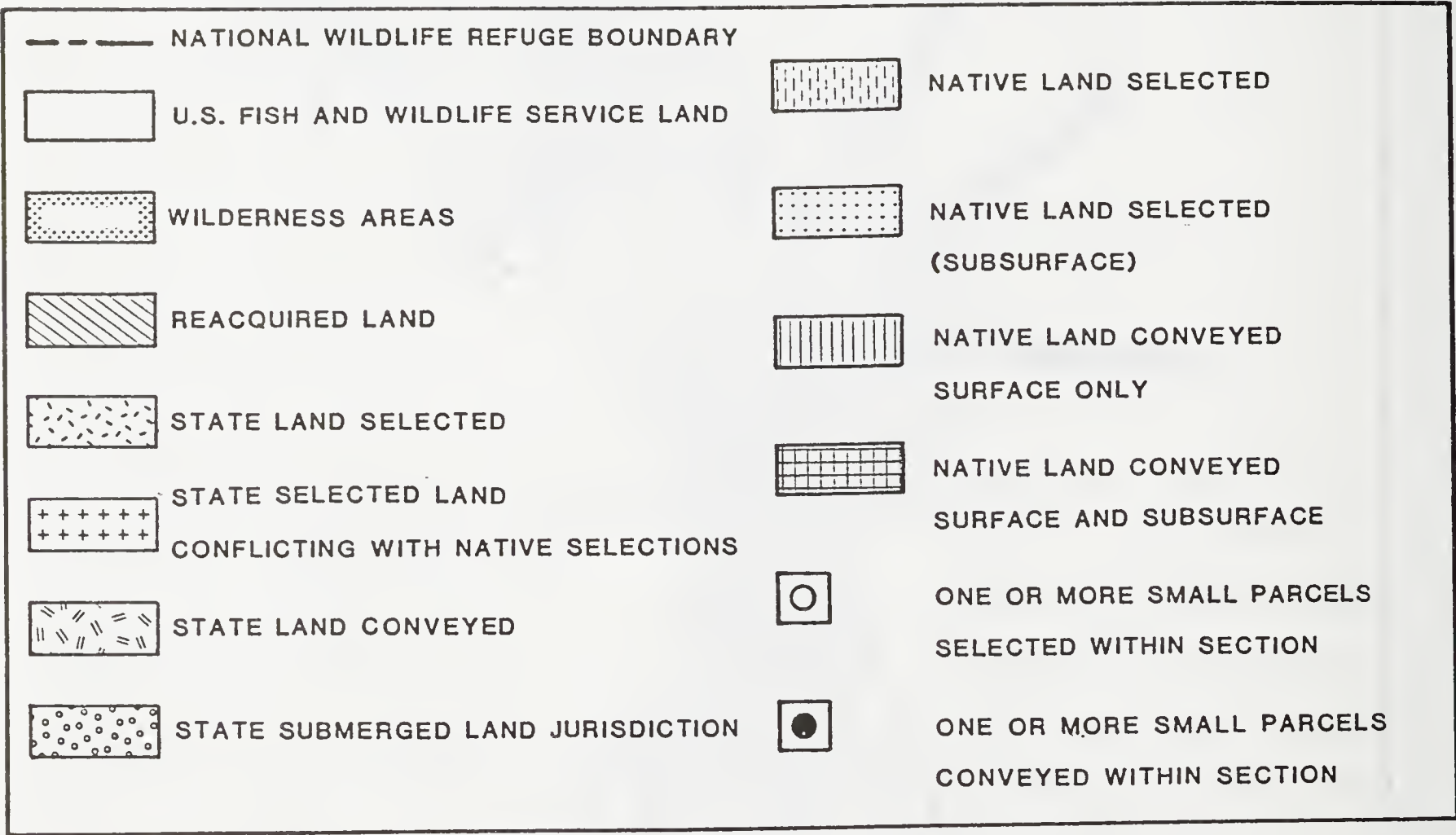




Figure 5g. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
St. Matthew Island (various colonies)	High

Legend



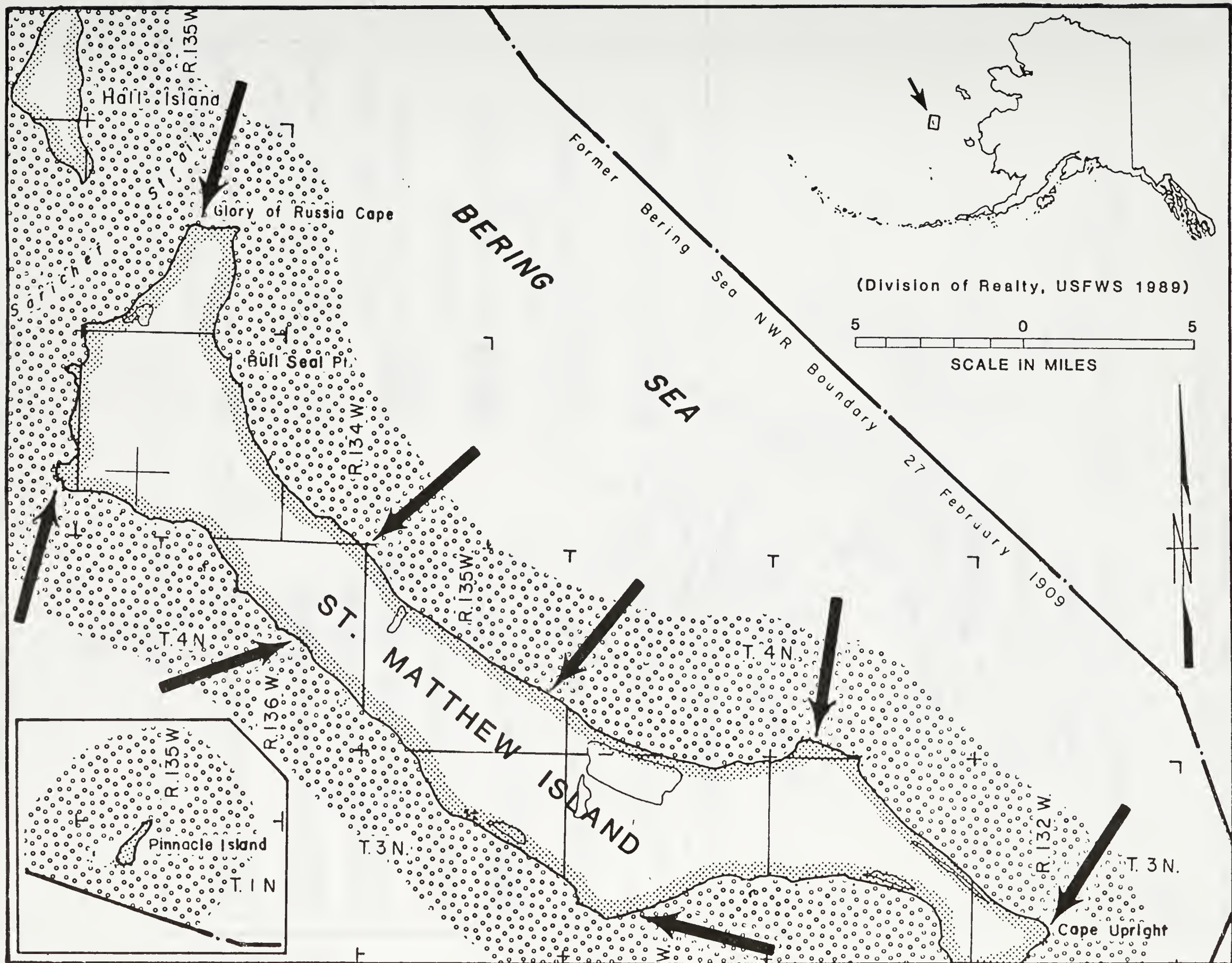
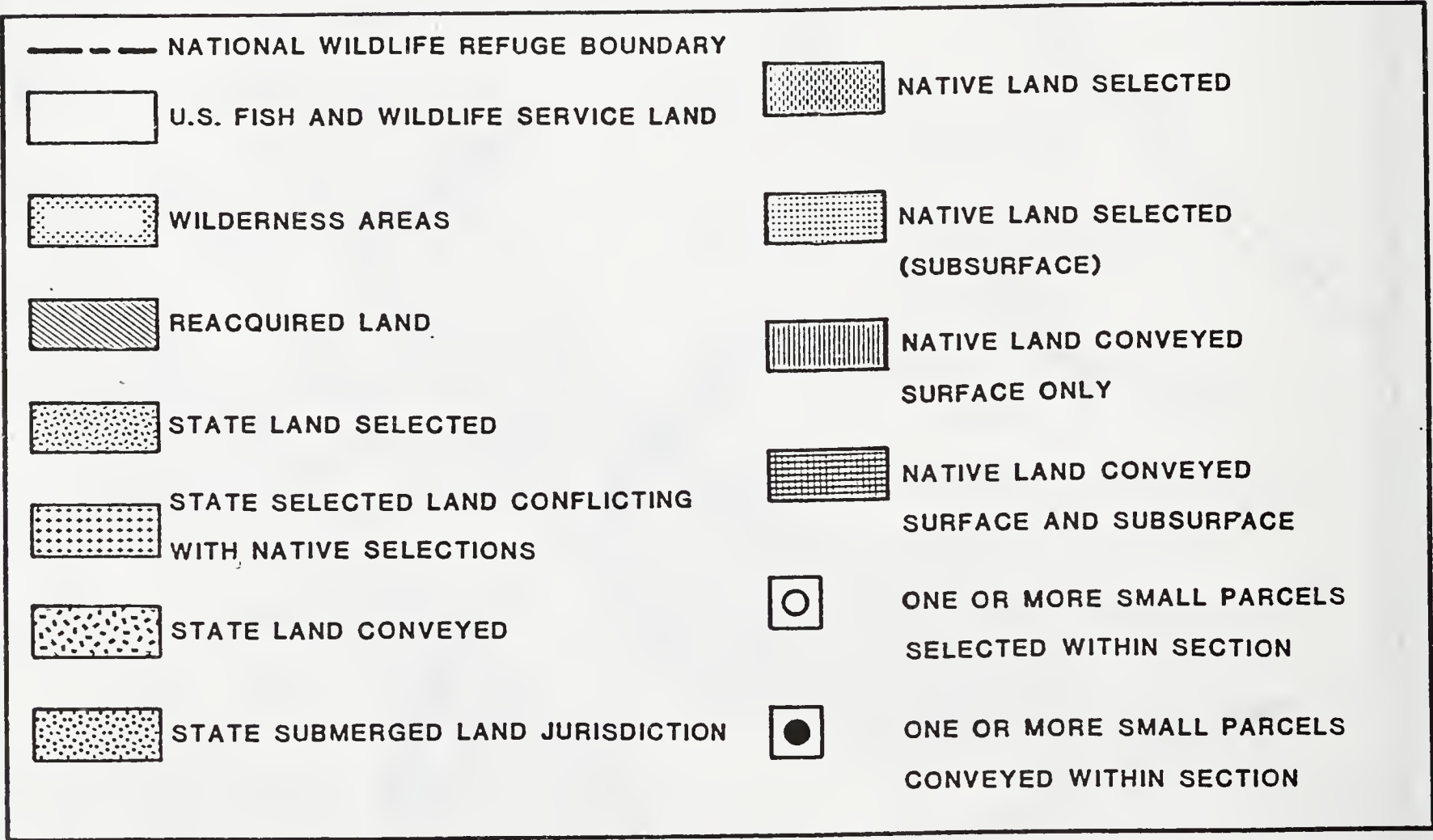


Figure 5h. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Amtagis Islands	Low
Emily Islets	Low
Kobakof Bay Islets	Low
Rocky Islets	Low
Sadatanak Island	Low
Sagchudak Island	Low
Sarana Cove Islets	Low
Vasilief Island	Low

Legend



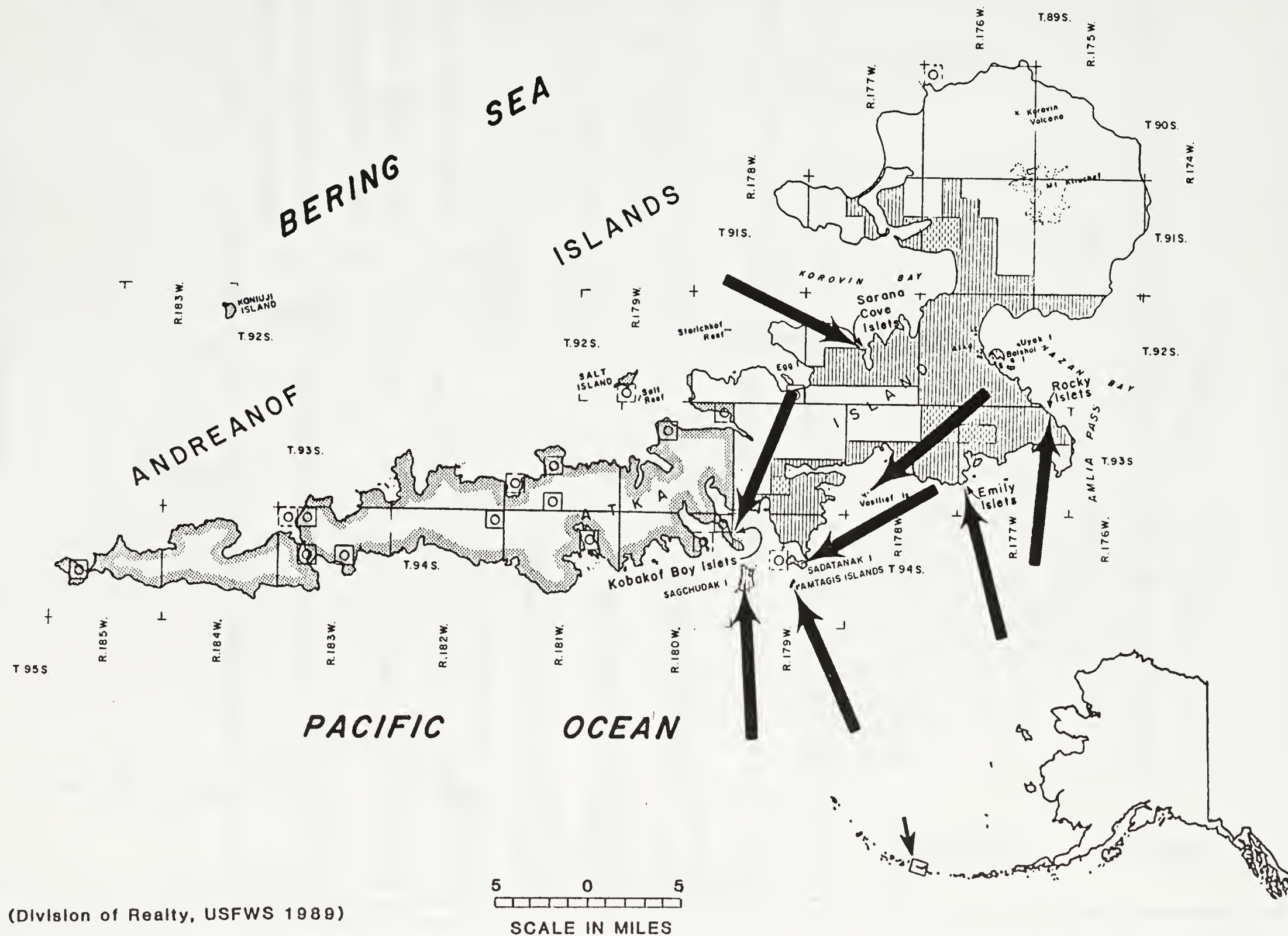
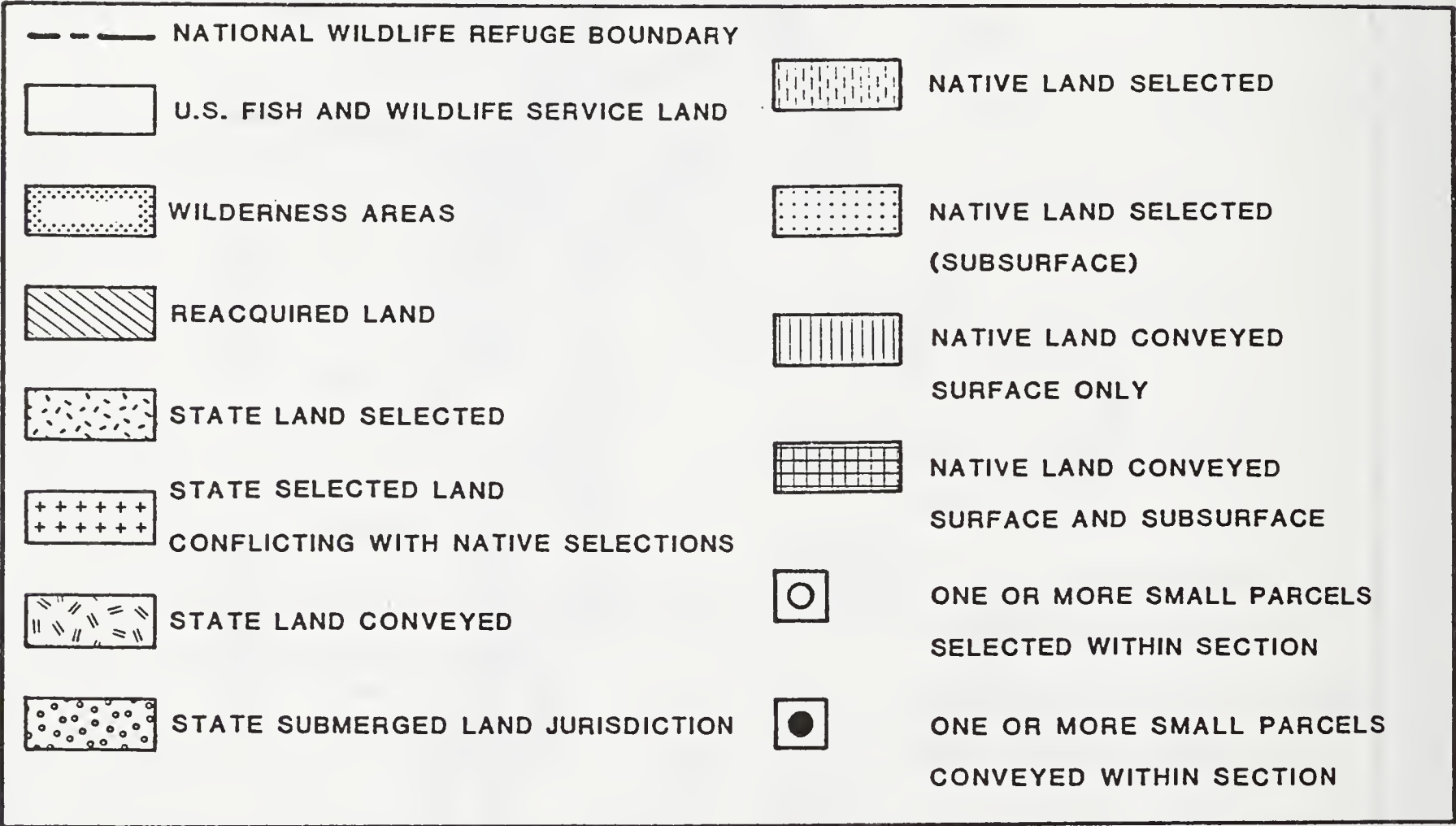
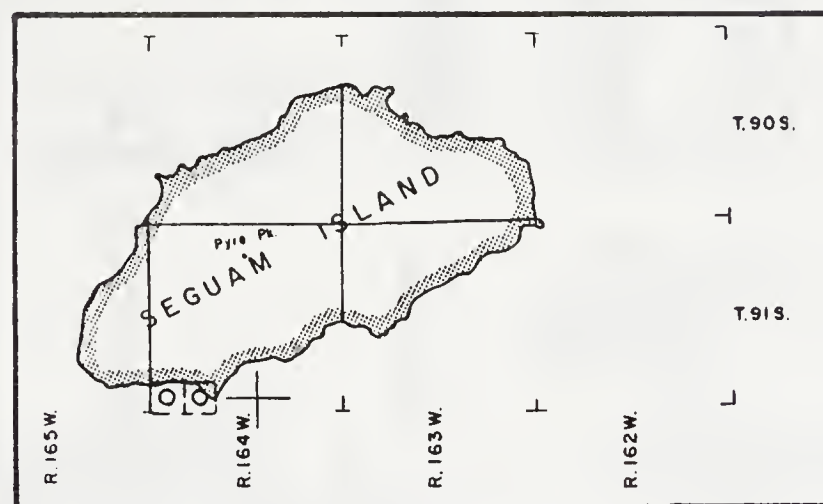
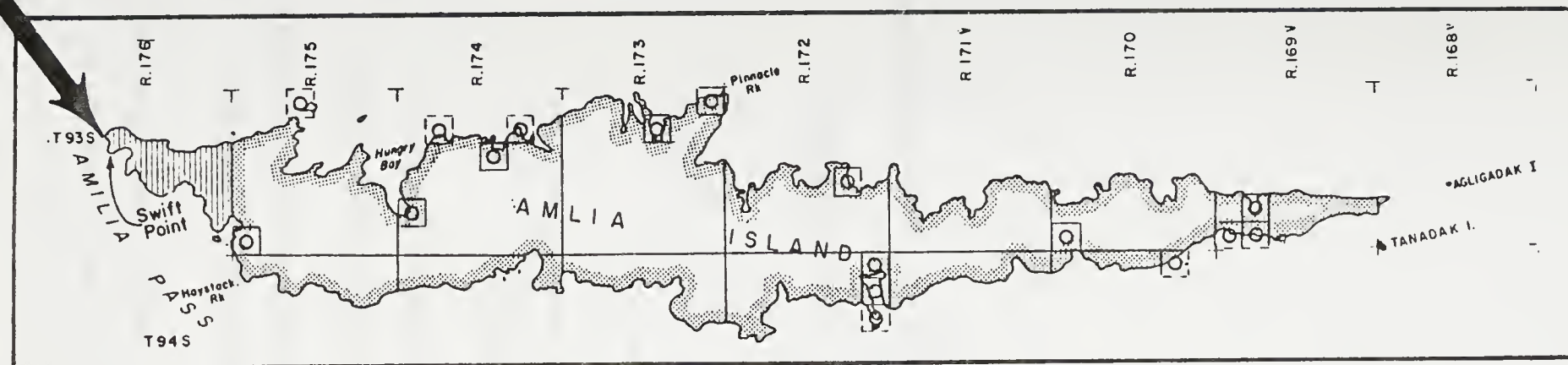


Figure 5i. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

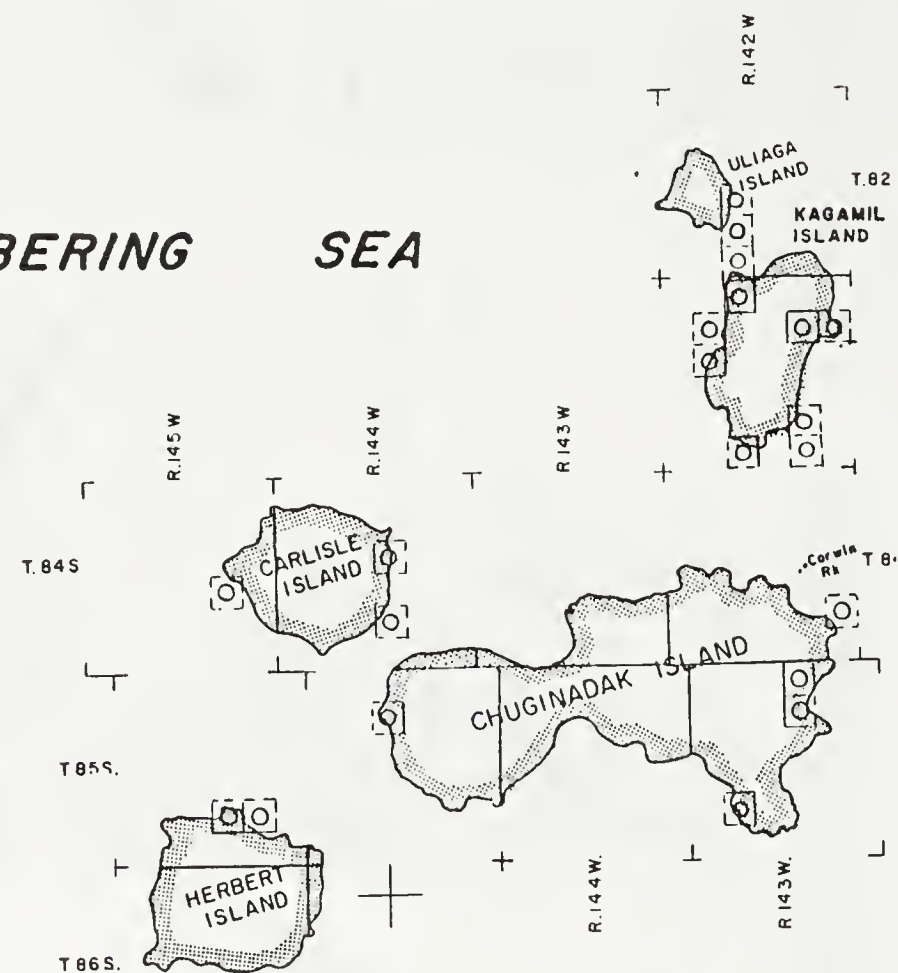
<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Swift Point/Amilia Pass	Low

Legend

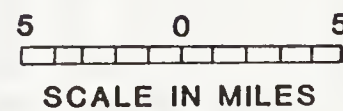




BERING SEA



PACIFIC OCEAN

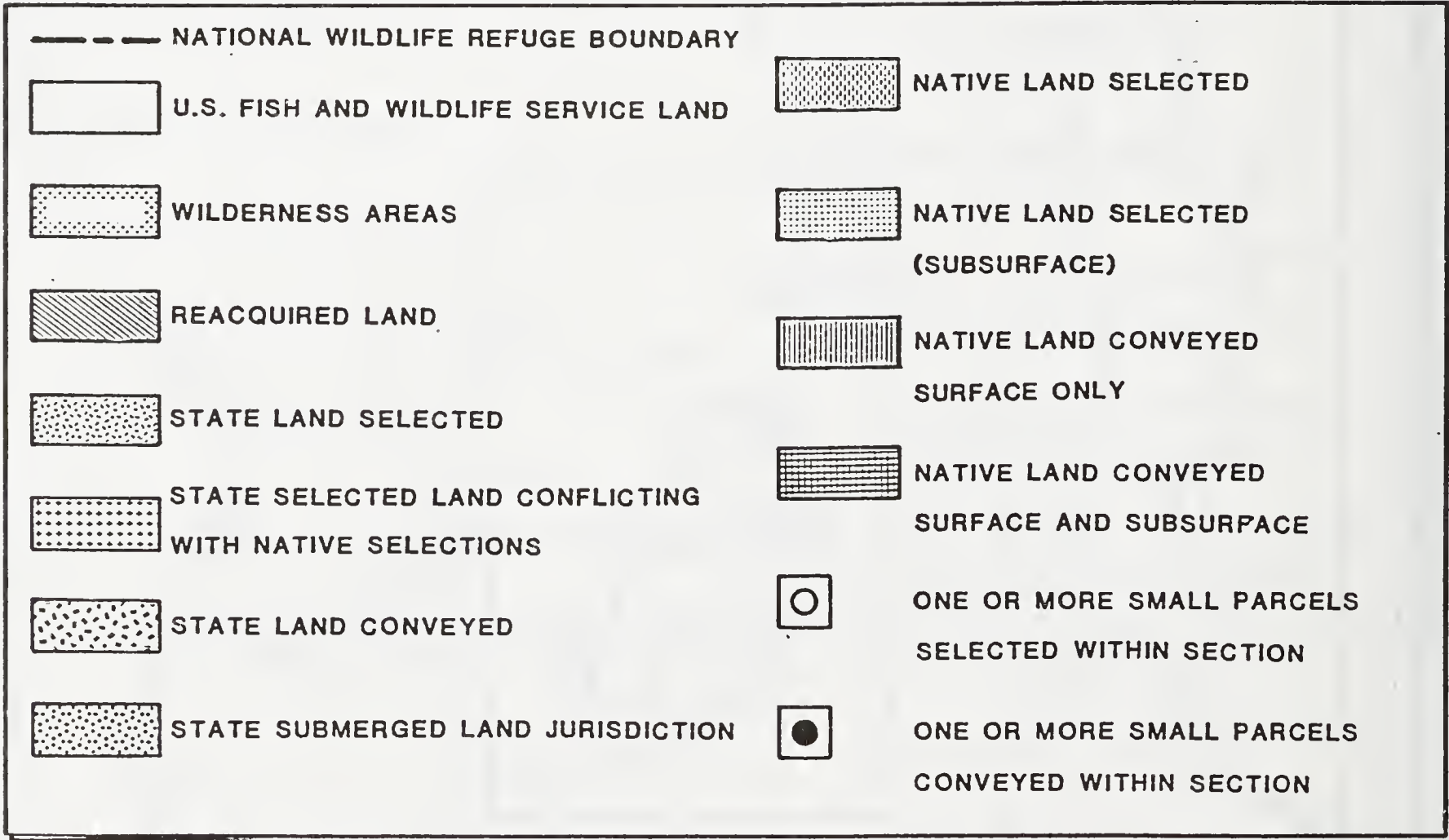


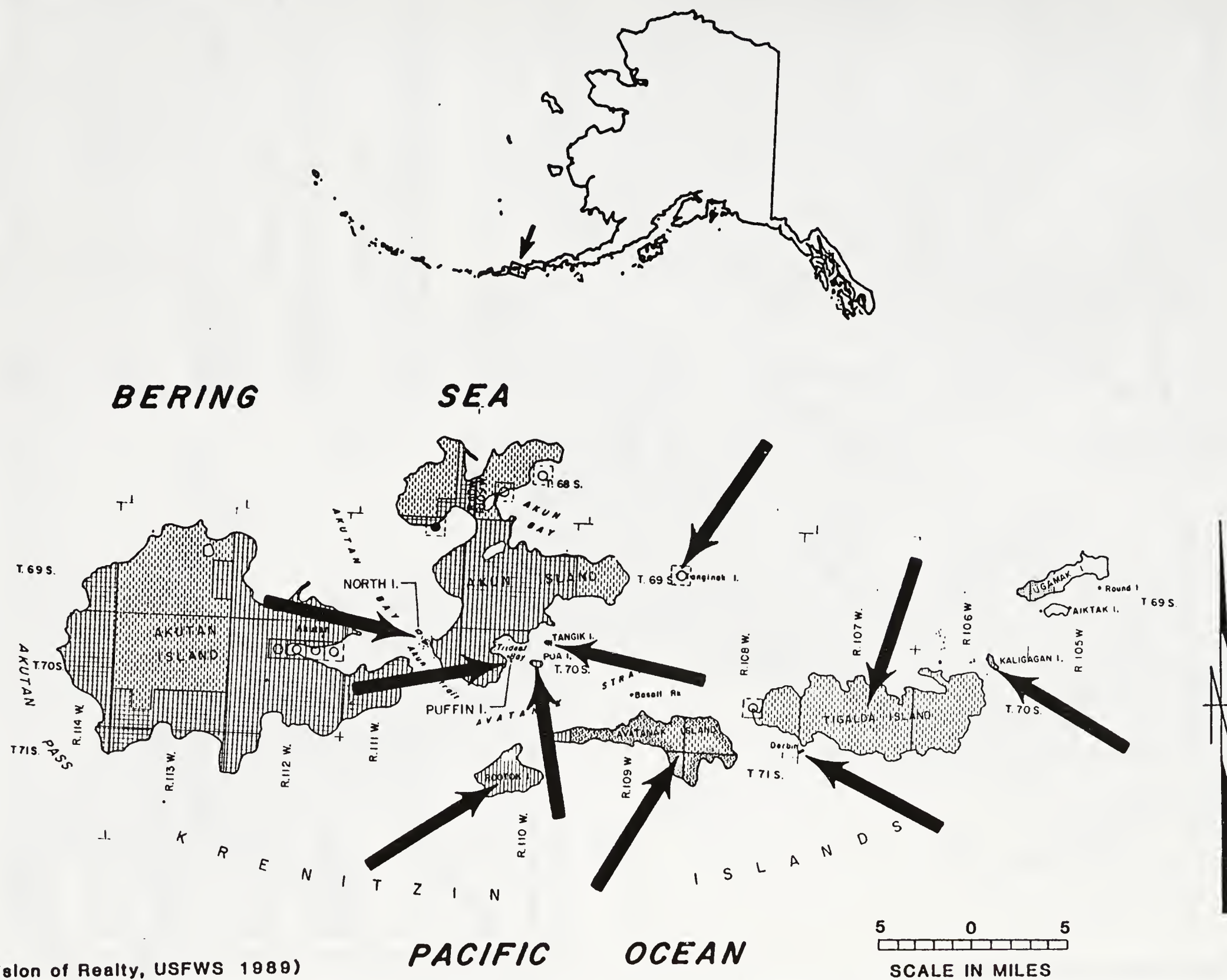
(Division of Realty, USFWS 1989)

Figure 5j. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
Rootok Island	High
Tanginak Island	High
Avatanak Island	Low
Derbin Island	Low
Kaligagan Island	Low
North Island/Akun Strait	Low
Poa Island	Low
Puffin Island/Trident Bay	Low
Tangik Island	Low
Tigalda Island	Low

Legend





(Division of Realty, USFWS 1989)

Figure 5k. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Anderson Bay/Udamak Cove	Low
Baby Islands	Low
Buck Island	Low
Cathedral Rocks	Low
Emerald Island	Low
Erskine Bay Islets	Low
Gargoyle Island	Low
Huddle Rock	Low
Kashega Pinnacles	Low
Kisselen Bay Islets	Low
Ogangan Island	Low
Outer Isles	Low
Peter Island	Low
Sedanka Bay/Udamat Bay	Low
South Rock/Cape Izigan	Low
Tanaskan Bay Islets	Low
Unalga Island	Low
Wislow Island	Low

Legend

	NATIONAL WILDLIFE REFUGE BOUNDARY		NATIVE LAND SELECTED
	U.S. FISH AND WILDLIFE SERVICE LAND		NATIVE LAND SELECTED (SUBSURFACE)
	WILDERNESS AREAS		NATIVE LAND CONVEYED SURFACE ONLY
	REACQUIRED LAND		NATIVE LAND CONVEYED SURFACE AND SUBSURFACE
	STATE LAND SELECTED		ONE OR MORE SMALL PARCELS SELECTED WITHIN SECTION
	STATE SELECTED LAND CONFLICTING WITH NATIVE SELECTIONS		ONE OR MORE SMALL PARCELS CONVEYED WITHIN SECTION
	STATE LAND CONVEYED		
	STATE SUBMERGED LAND JURISDICTION		

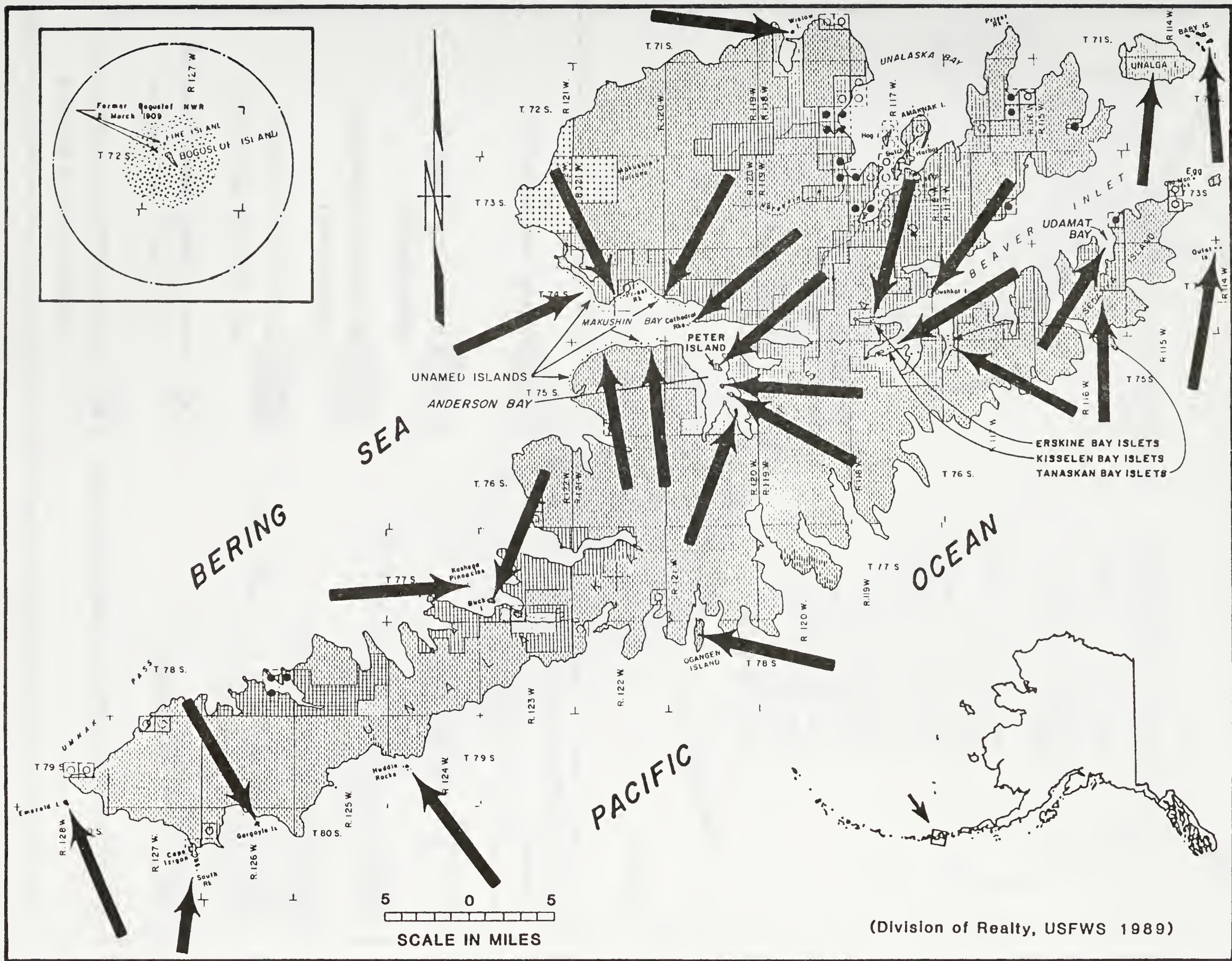
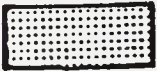
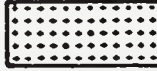


Figure 51. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Vsevidof Island	High
Adegak Island	Medium
Ogchul Island	Medium
Ananiuliak Island	Low
Black Rock	Low
Boiling Pinnacles	Low
Breadloaf Island	Low
Lookout Cove Rock	Low
Kigul Island	Low
Pancake Rock	Low
Polivnoi Rock	Low
Pustoi Island	Low
Samalga Island	Low
Ship Rock	Low
The Pillars	Low

Legend

	NATIONAL WILDLIFE REFUGE BOUNDARY		NATIVE LAND SELECTED
	U.S. FISH AND WILDLIFE SERVICE LAND		NATIVE LAND SELECTED (SUBSURFACE)
	WILDERNESS AREAS		NATIVE LAND CONVEYED SURFACE ONLY
	REACQUIRED LAND		NATIVE LAND CONVEYED SURFACE AND SUBSURFACE
	STATE LAND SELECTED		ONE OR MORE SMALL PARCELS SELECTED WITHIN SECTION
	STATE SELECTED LAND CONFLICTING WITH NATIVE SELECTIONS		ONE OR MORE SMALL PARCELS CONVEYED WITHIN SECTION
	STATE LAND CONVEYED		
	STATE SUBMERGED LAND JURISDICTION		

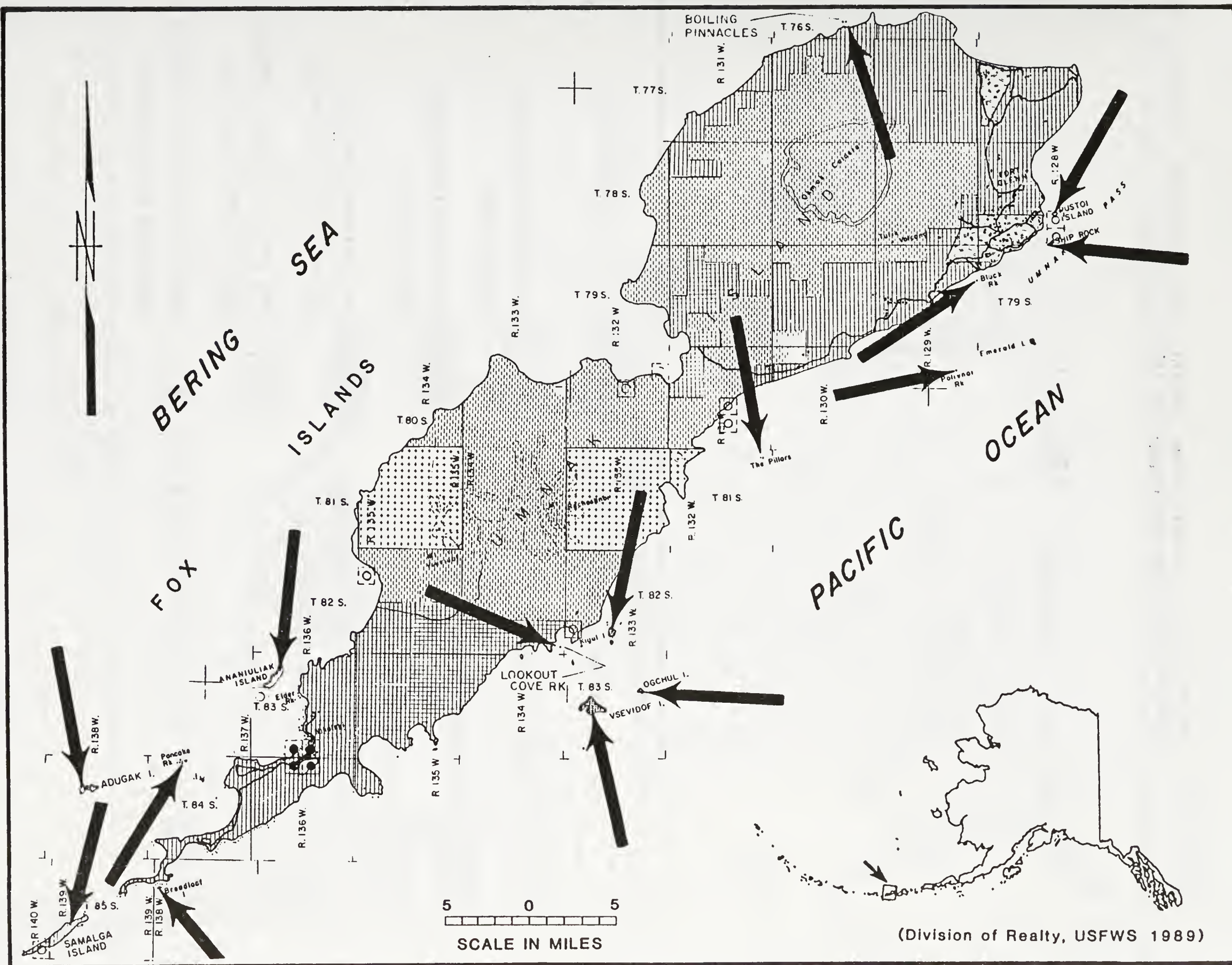
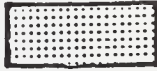
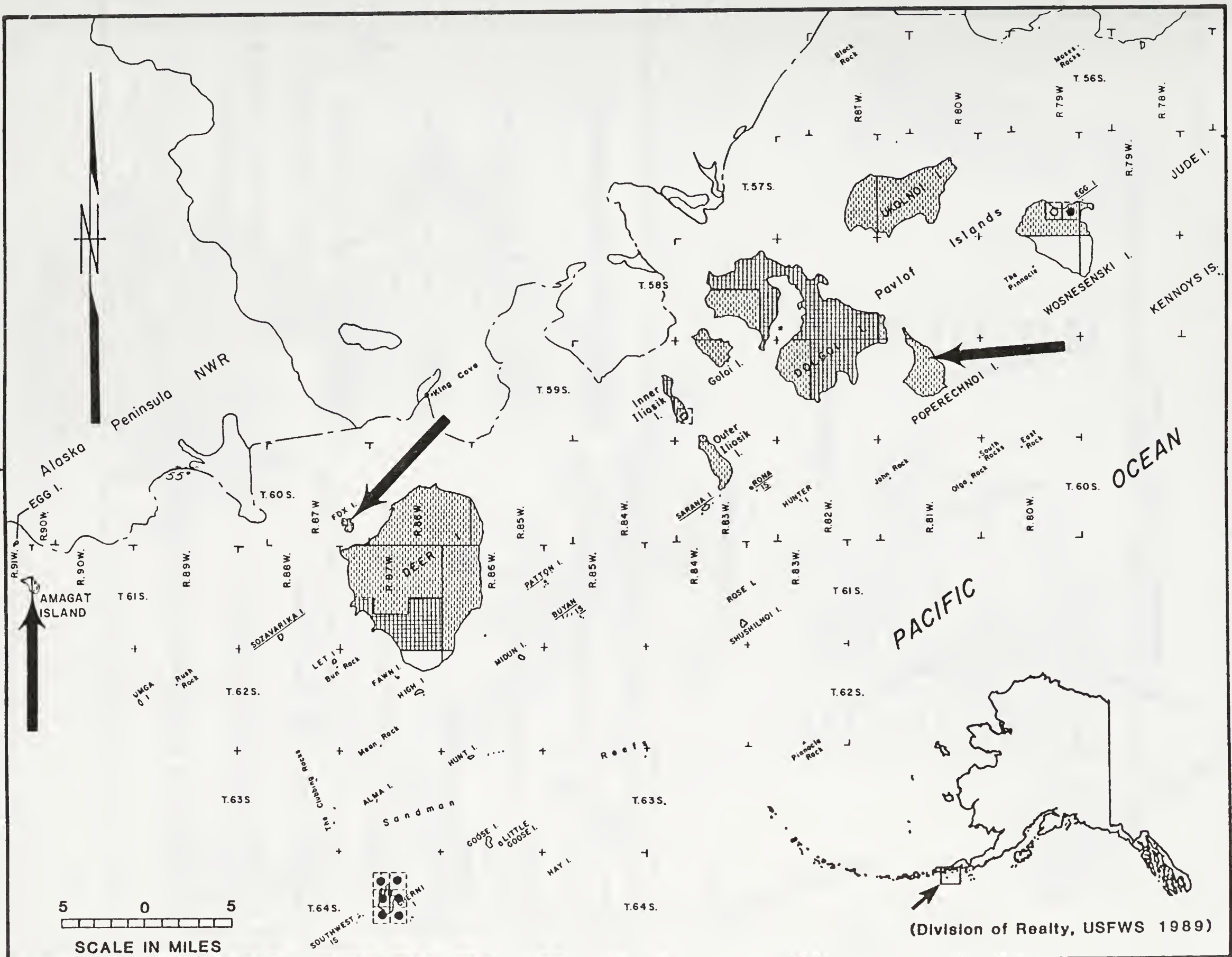


Figure 5m. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Amagat Island	Medium
Fox Island	Low
Poperechnoi Island	Low

Legend

	NATIONAL WILDLIFE REFUGE BOUNDARY		NATIVE LAND SELECTED
	U.S. FISH AND WILDLIFE SERVICE LAND		NATIVE LAND SELECTED (SUBSURFACE)
	WILDERNESS AREAS		NATIVE LAND CONVEYED SURFACE ONLY
	REACQUIRED LAND		NATIVE LAND CONVEYED SURFACE AND SUBSURFACE
	STATE LAND SELECTED		ONE OR MORE SMALL PARCELS SELECTED WITHIN SECTION
	STATE SELECTED LAND CONFLICTING WITH NATIVE SELECTIONS		ONE OR MORE SMALL PARCELS CONVEYED WITHIN SECTION
	STATE LAND CONVEYED		
	STATE SUBMERGED LAND JURISDICTION		

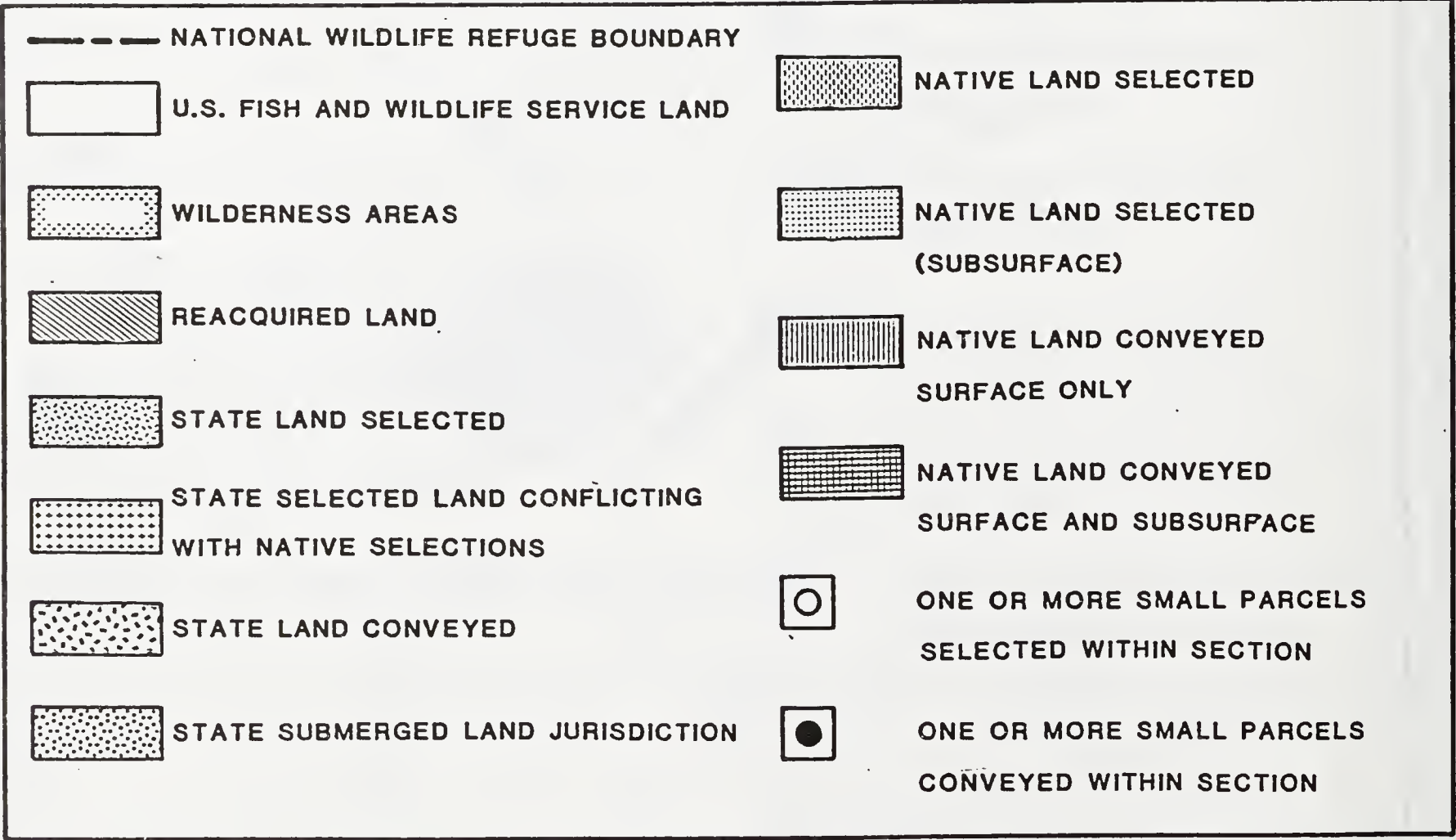


(Division of Realty, USFWS 1989)

Figure 5n. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Atkins Island	Low
Bendel Island	Low
Big Koniuji Island	Low
Bird Island	Low
Castle Rock	Low
Delarof Harbor Islets	Low
Egg Island	Low
Herendeen Island	Low
High Island	Low
Near Island	Low
Peninsula Island	Low
Range Island	Low
Round Island	Low
Simeonof Island	Low

Legend



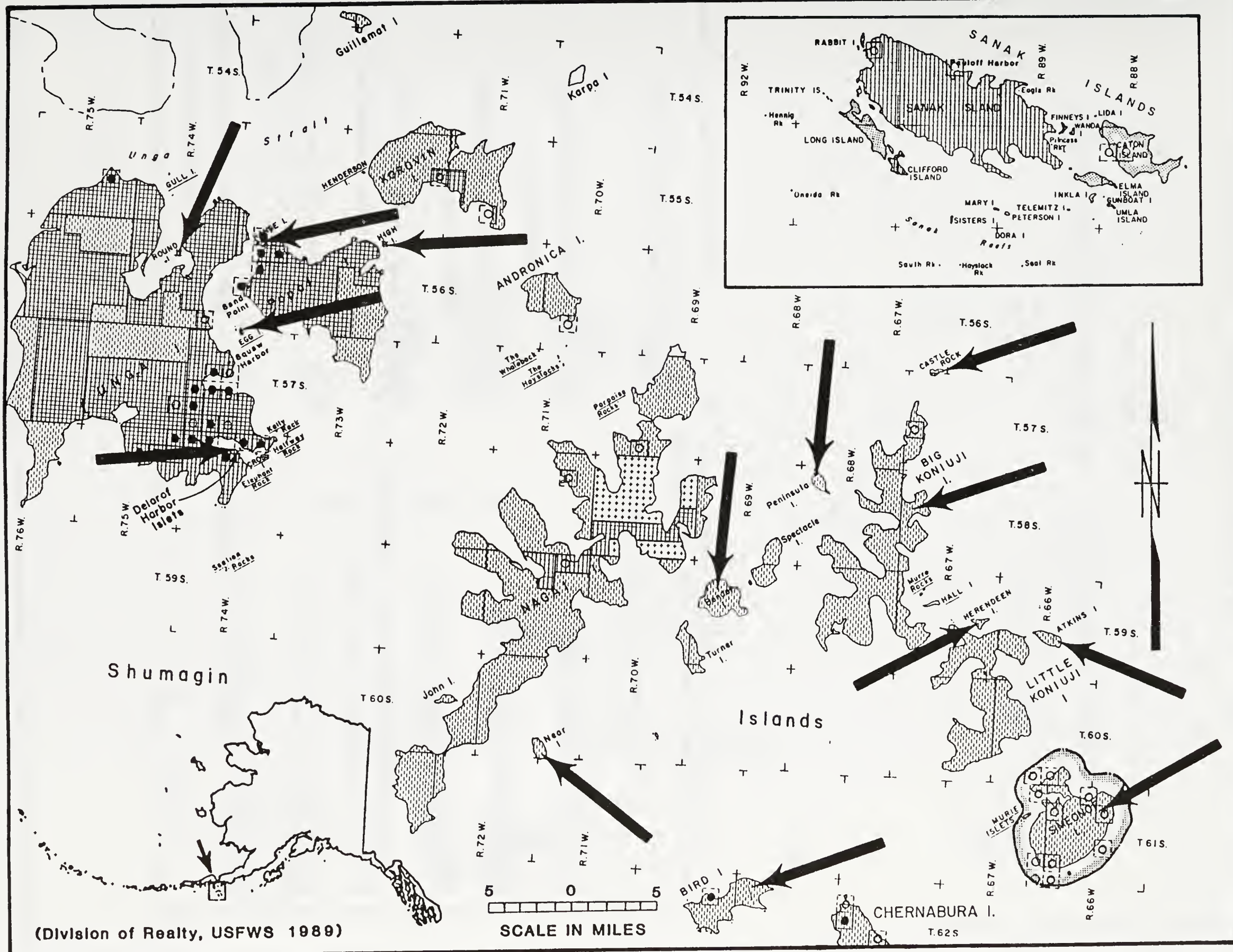
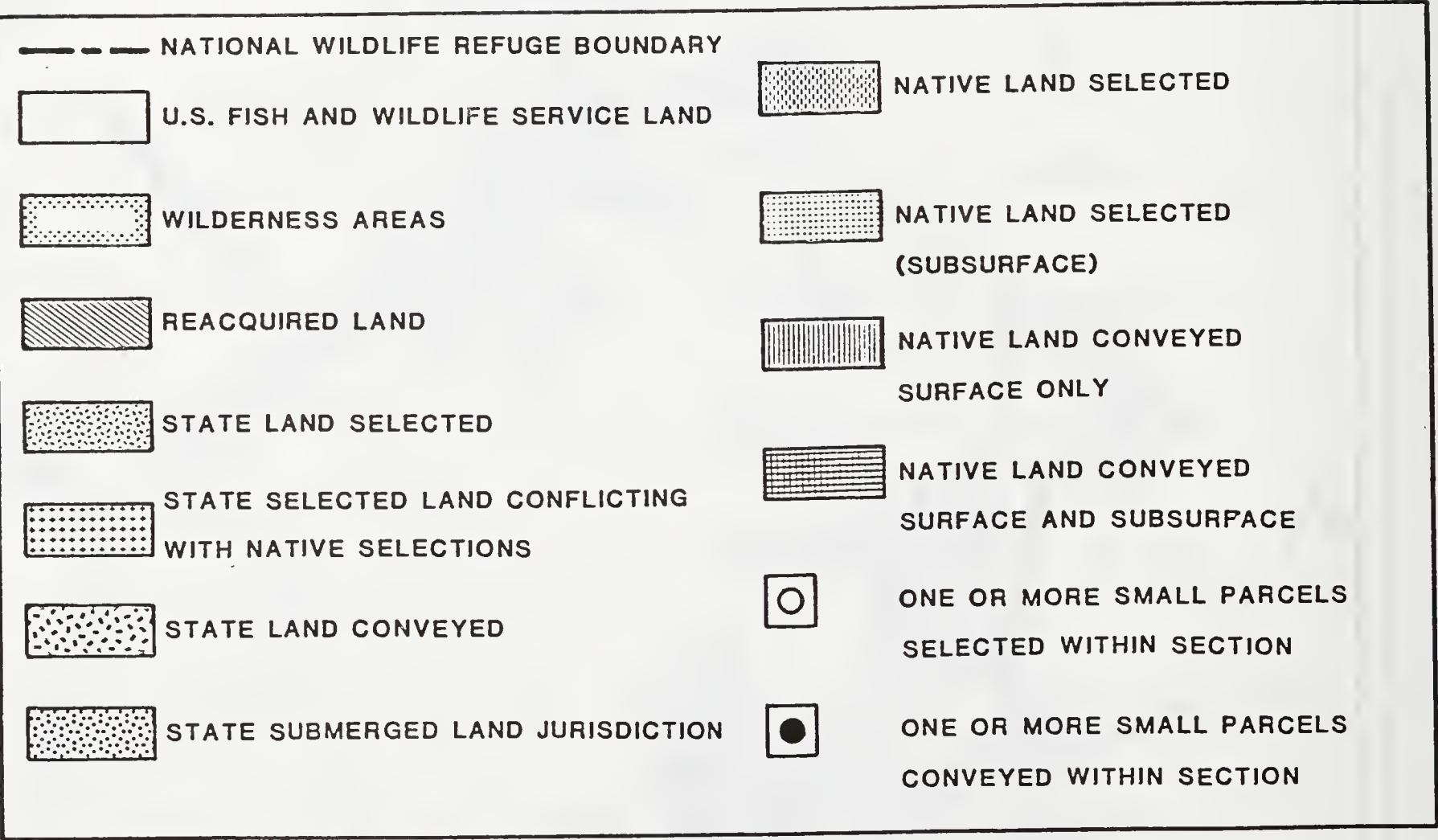


Figure 50. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
Brothers Island	Low
Spitz Island	Low

Legend



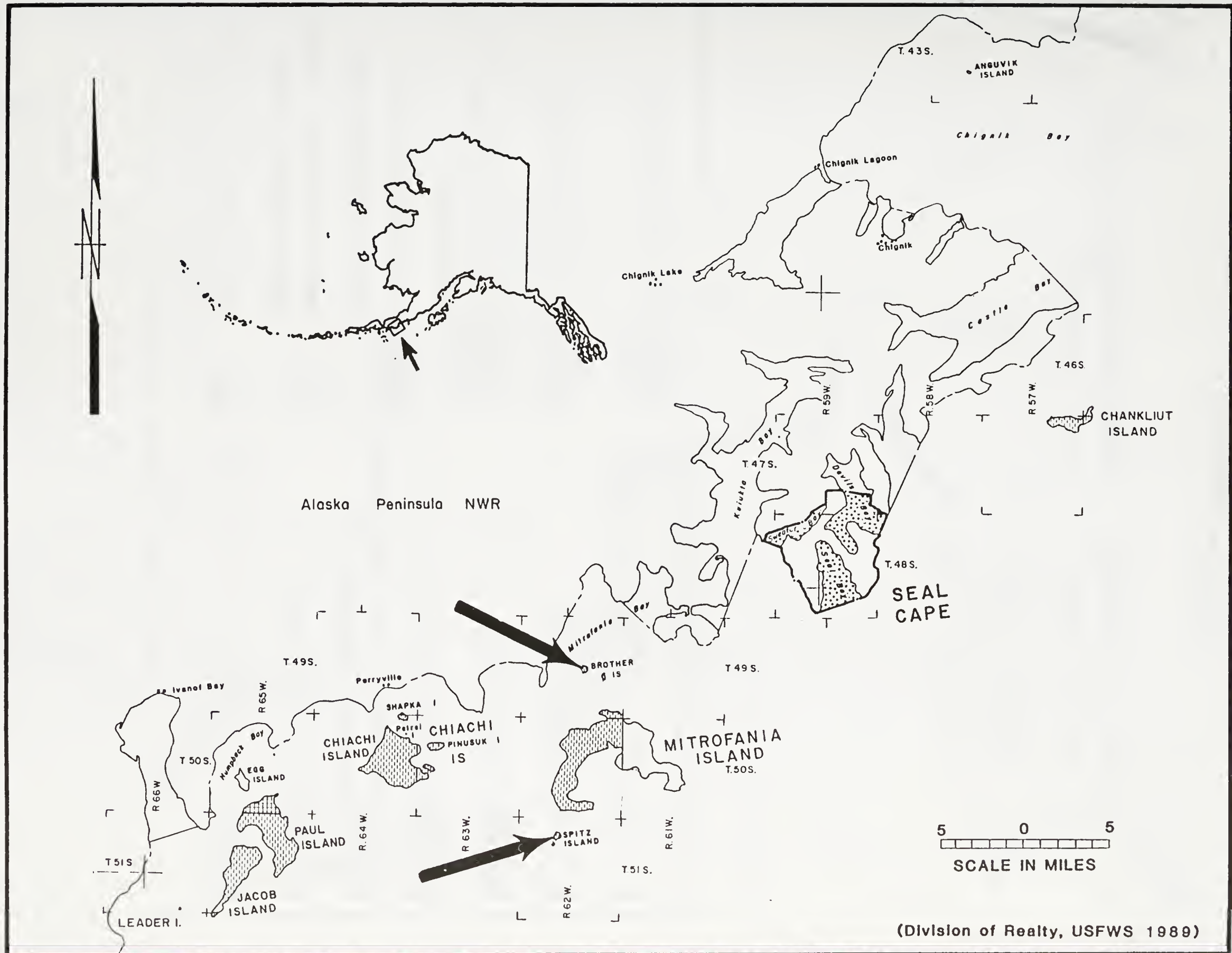
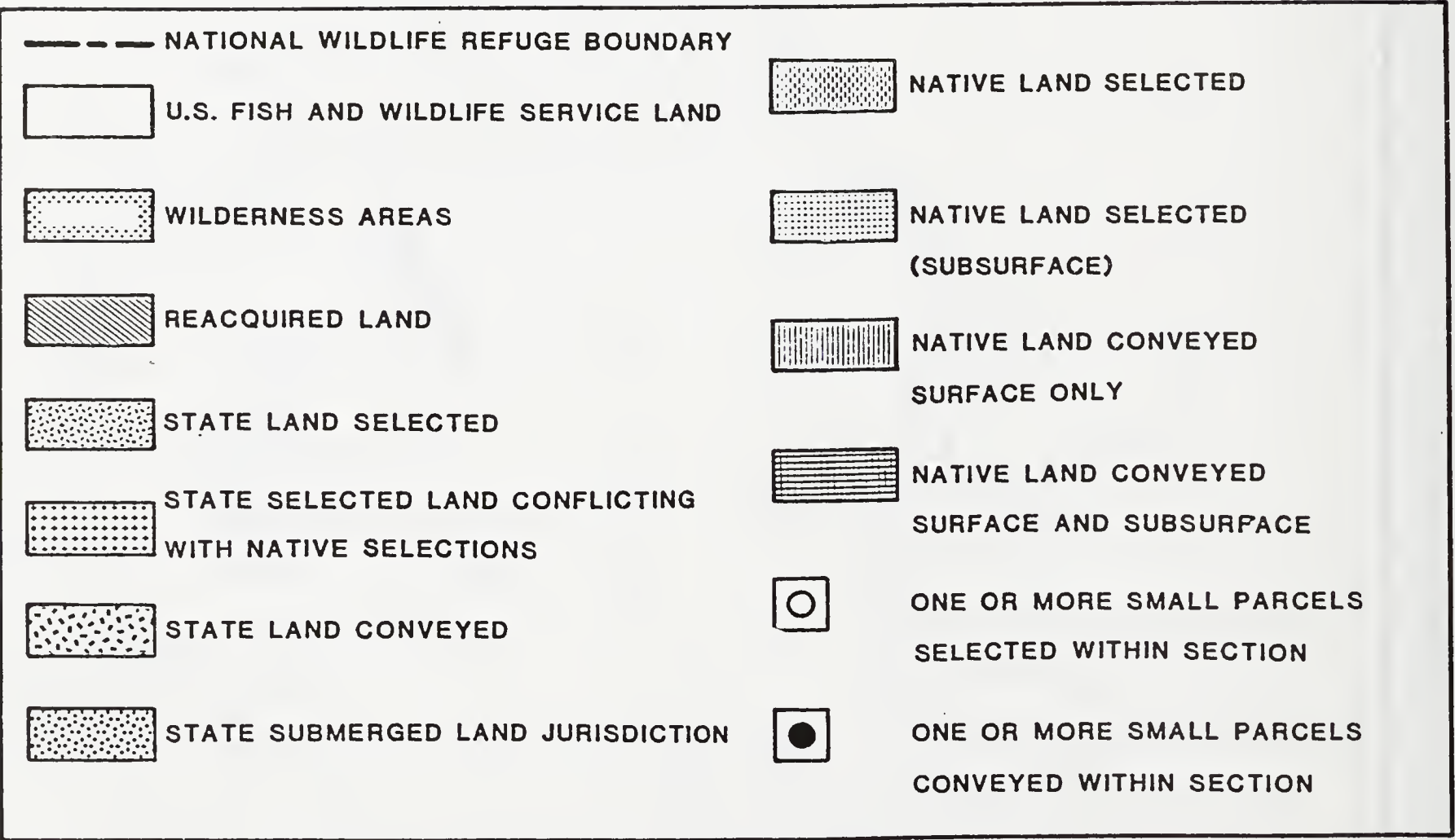


Figure 5p. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
Sutwik Island	Medium
Ashiiak Island	Low
Central Island	Low
Hydra Island	Low
Ugaiushak Island	Low
Unavikshak Island	Low

Legend



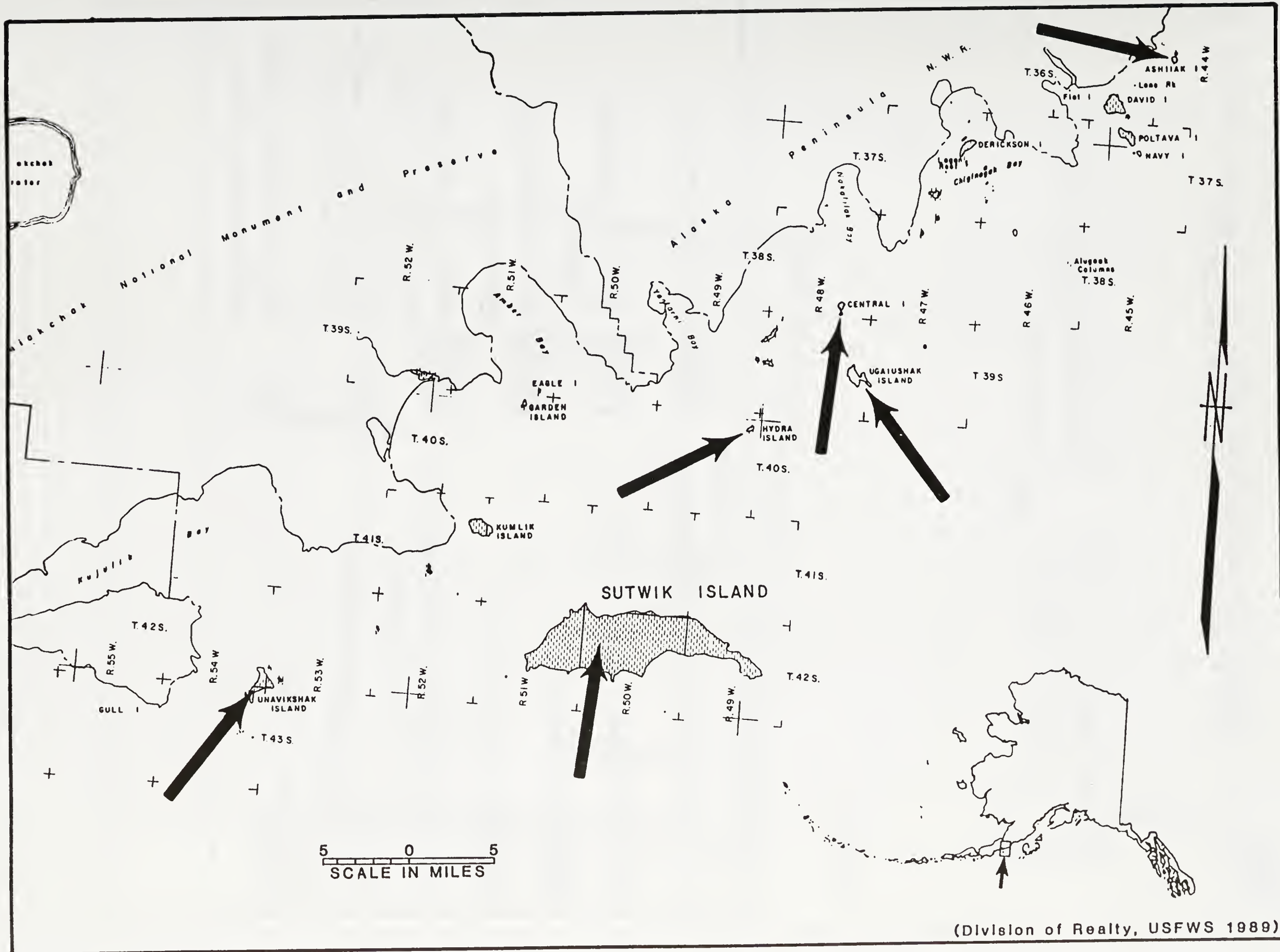
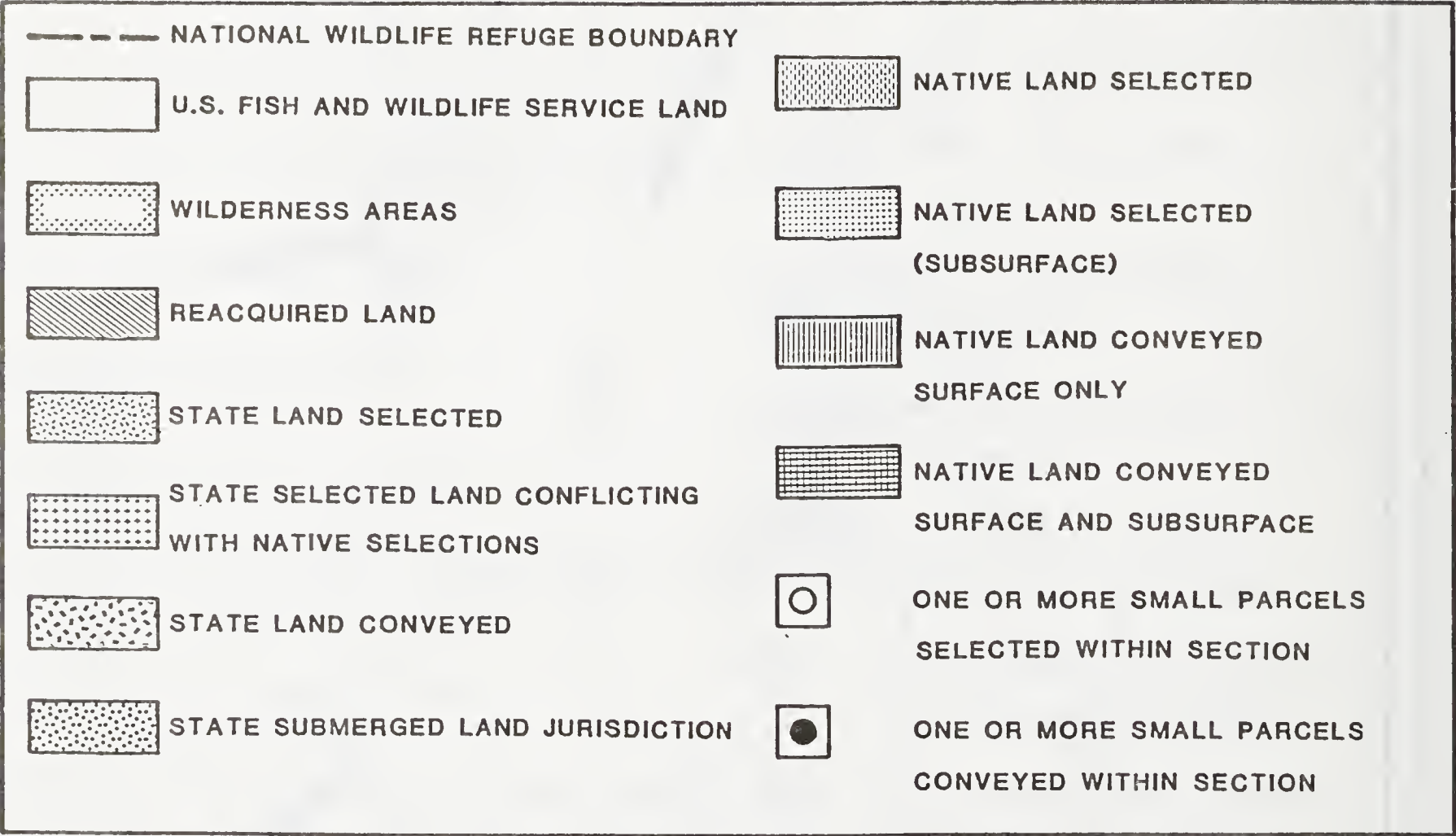


Figure 5q. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Semidi Islands	Low

Legend



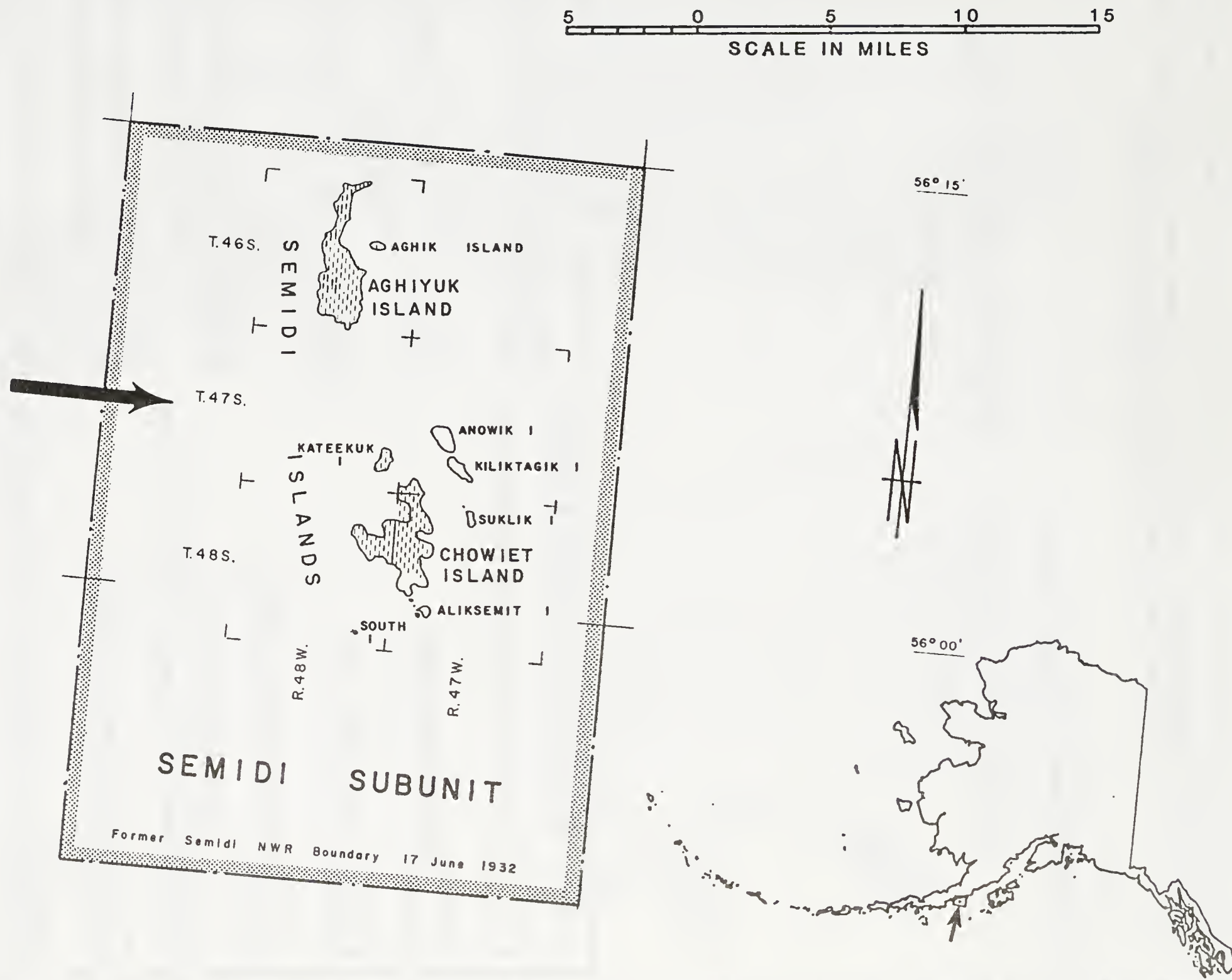
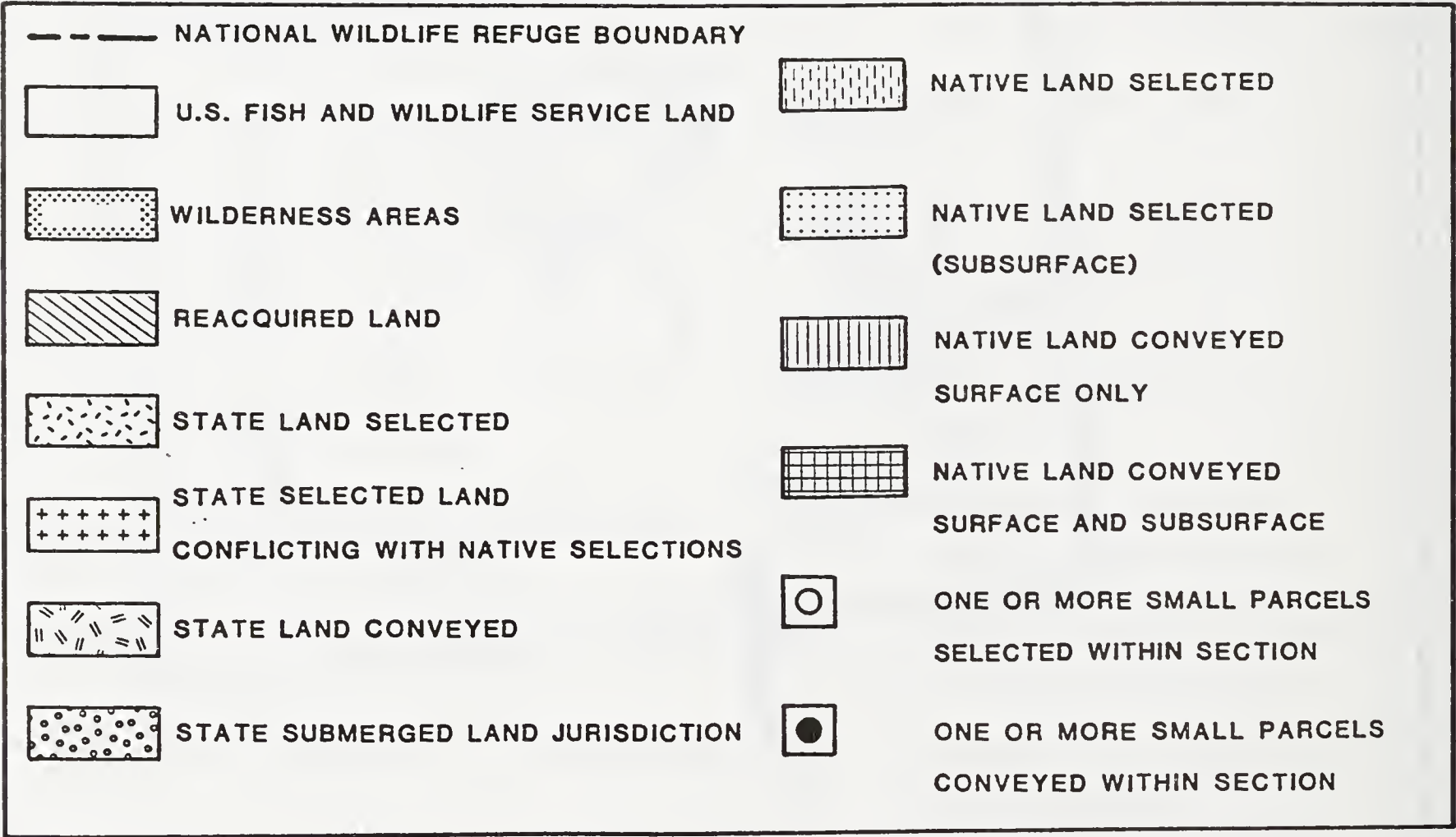


Figure 5r. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Tugidak Island	Medium

Legend



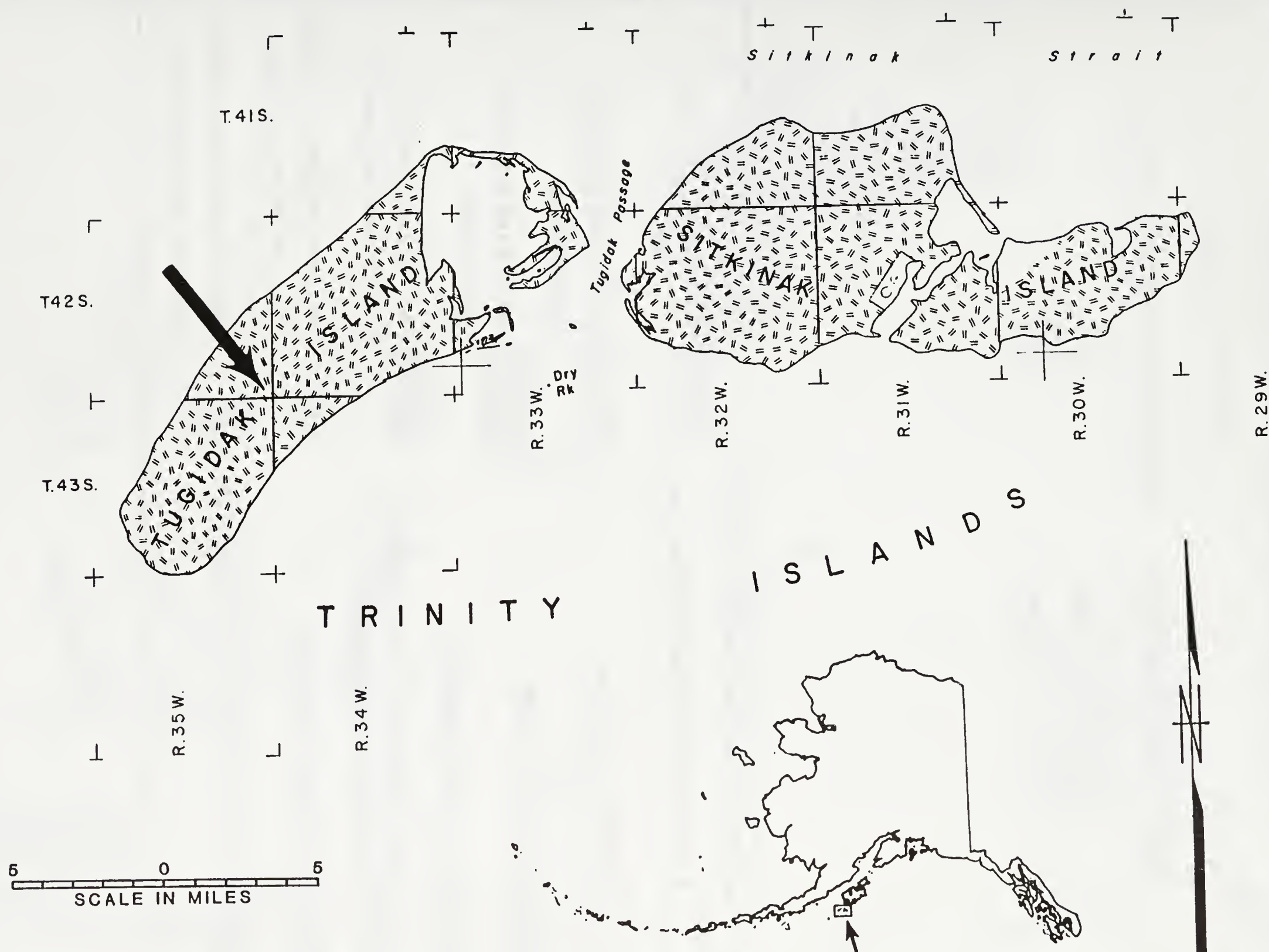


Figure 5s. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
Amee Island	Low
Cathedral Island	Low
Flat Island	Low
Sundstrom Island	Low

Legend

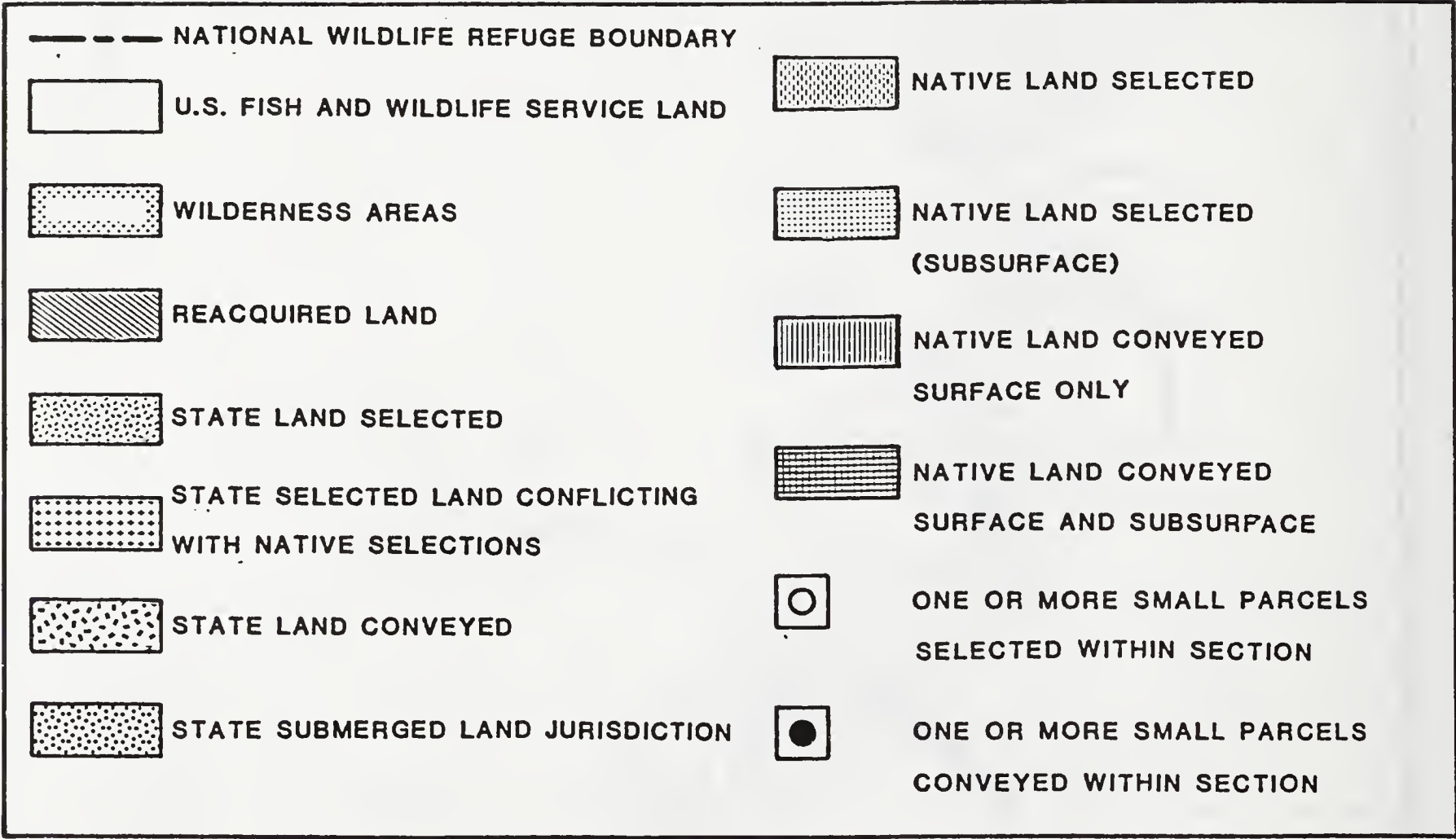
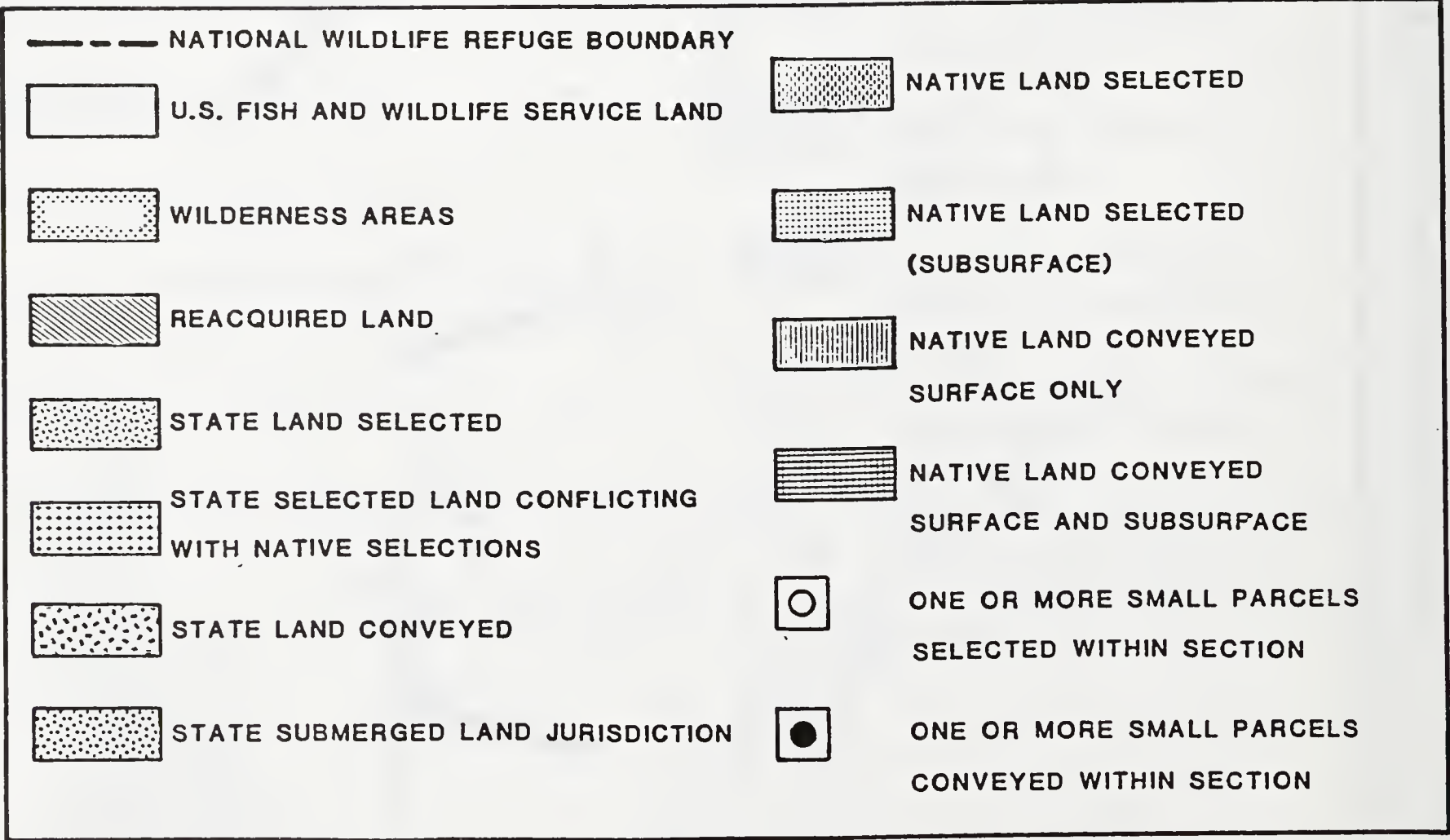


Figure 5t. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Chiniak Island	Low
Dusk Island	Low
Ermine Point	Low
Kekur Island	Low
Kulichkof Island	Low
Ladder Island	Low
Long Island	Low
Middle Island	Low
Nest Island	Low
Svitlak Island	Low
Utesistoi Island	Low

Legend



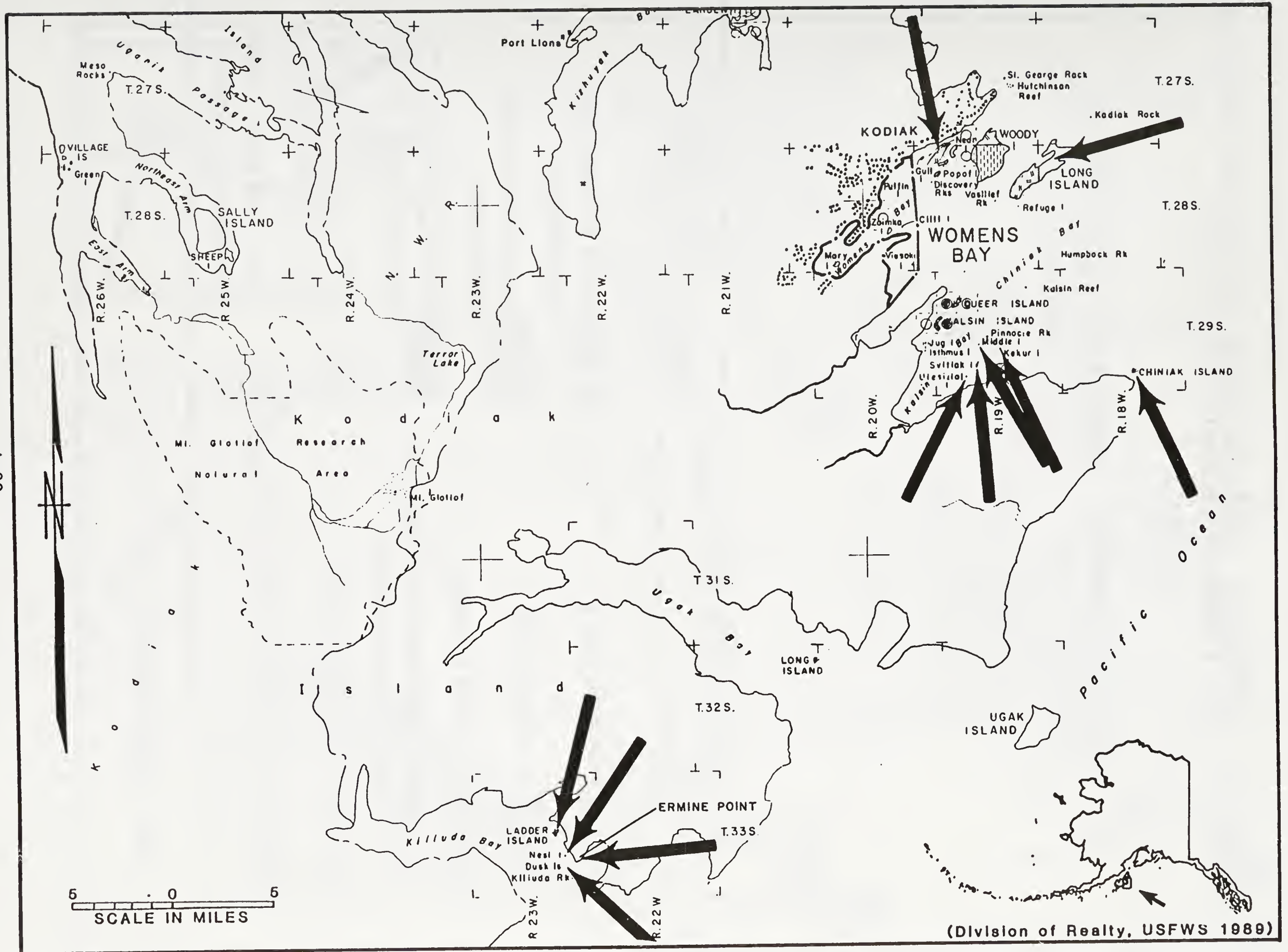
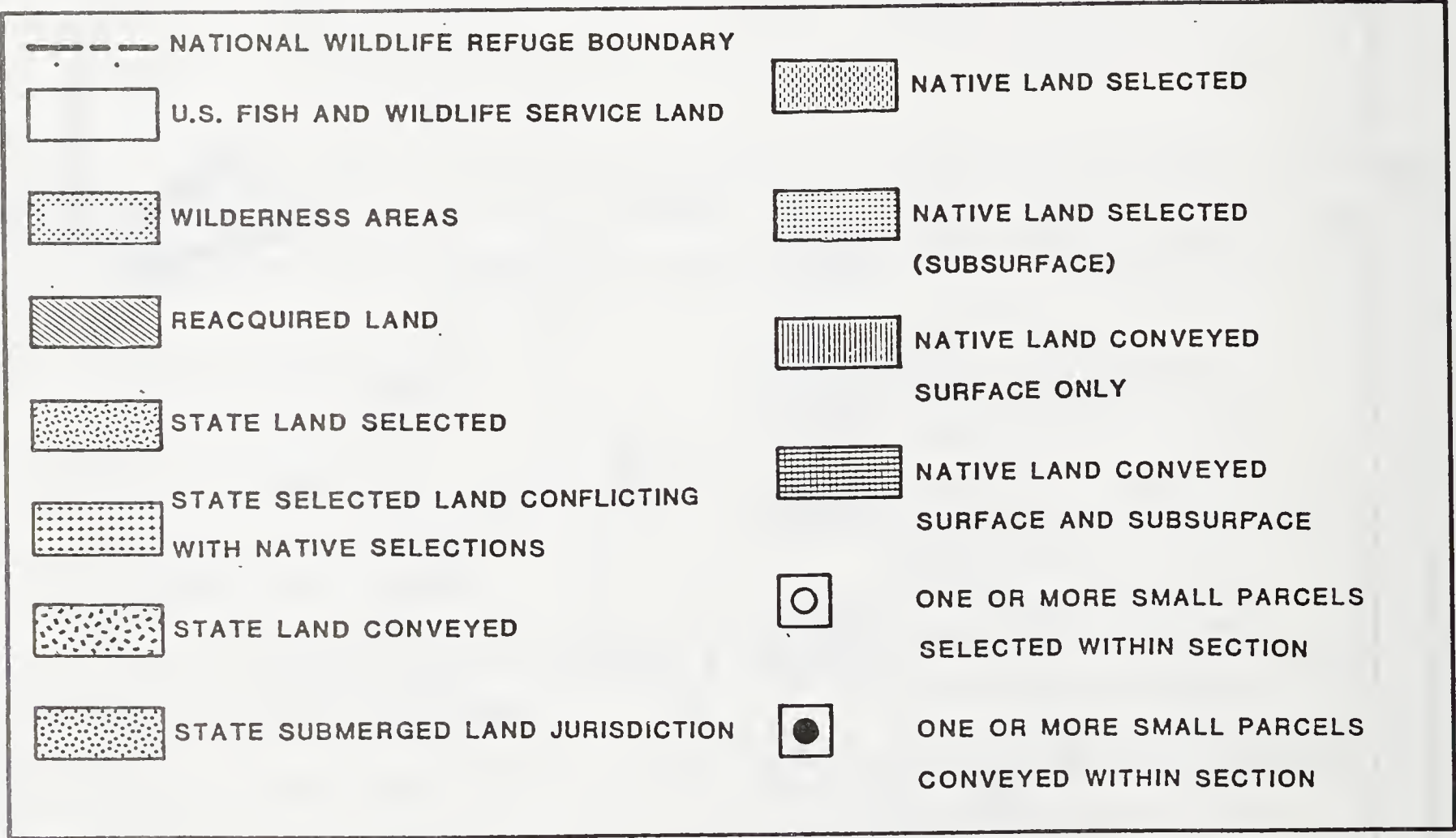
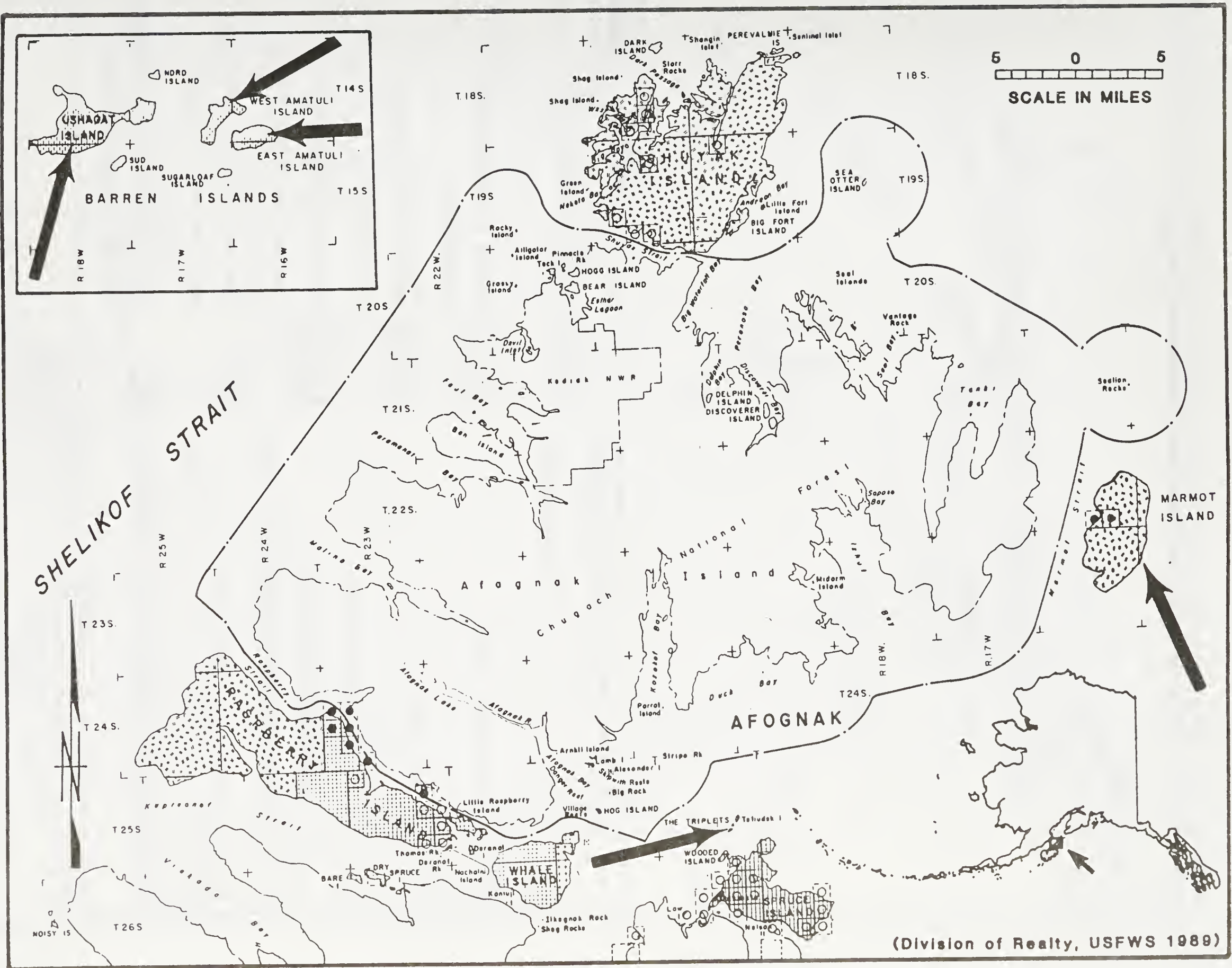


Figure 5u. Acquisition priorities based on combined resource data: Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
Ushagat Island	Medium
East Amatuli Island	Low
Marmot Island	Low
The Triplets	Low
West Amatuli Island	Low

Legend



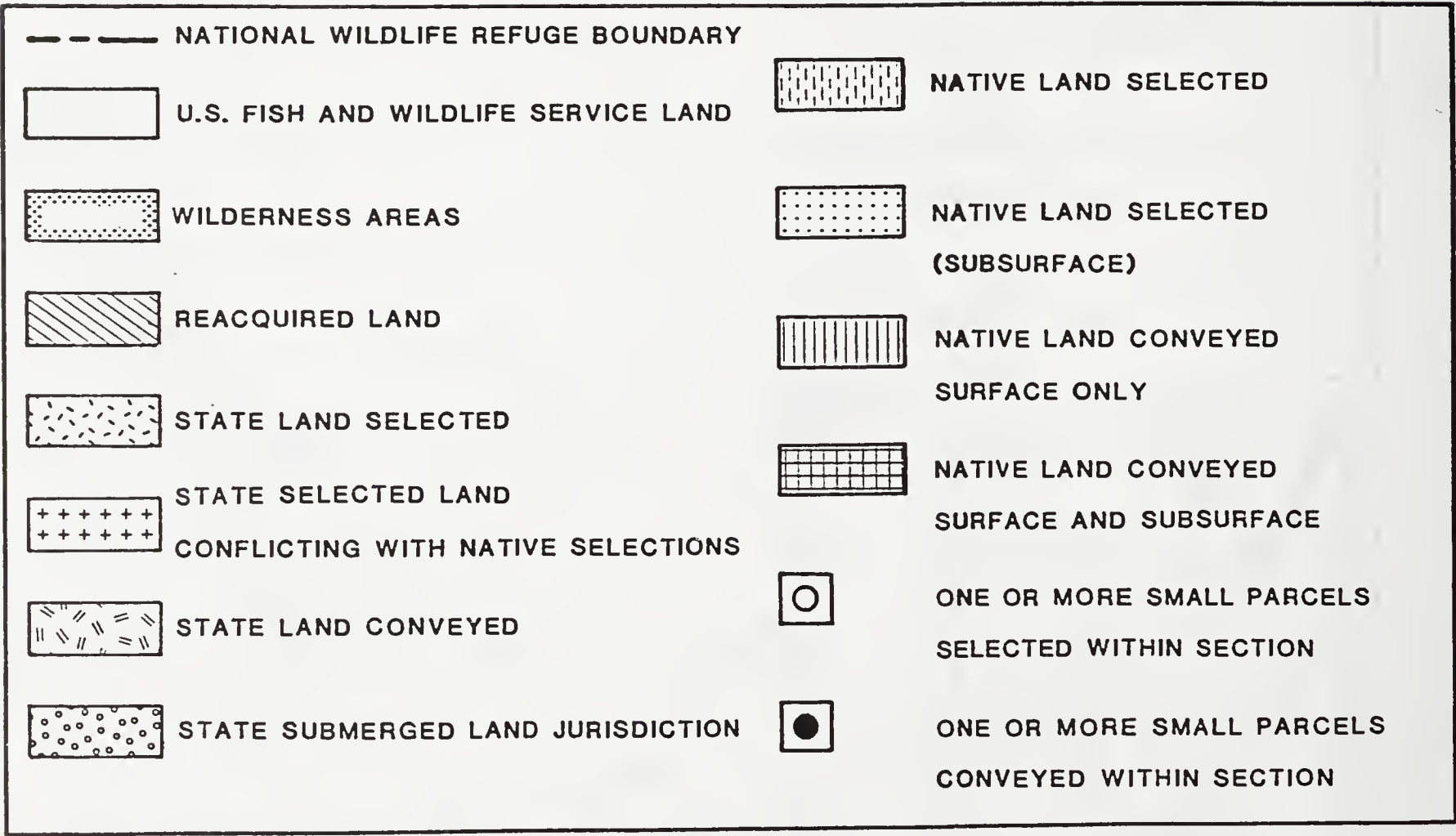


(Division of Realty, USFWS 1989)

Figure 5v. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

<u>Location of Inholding</u>	<u>Acquisition Priority Rating</u>
Gull Island	Low

Legend



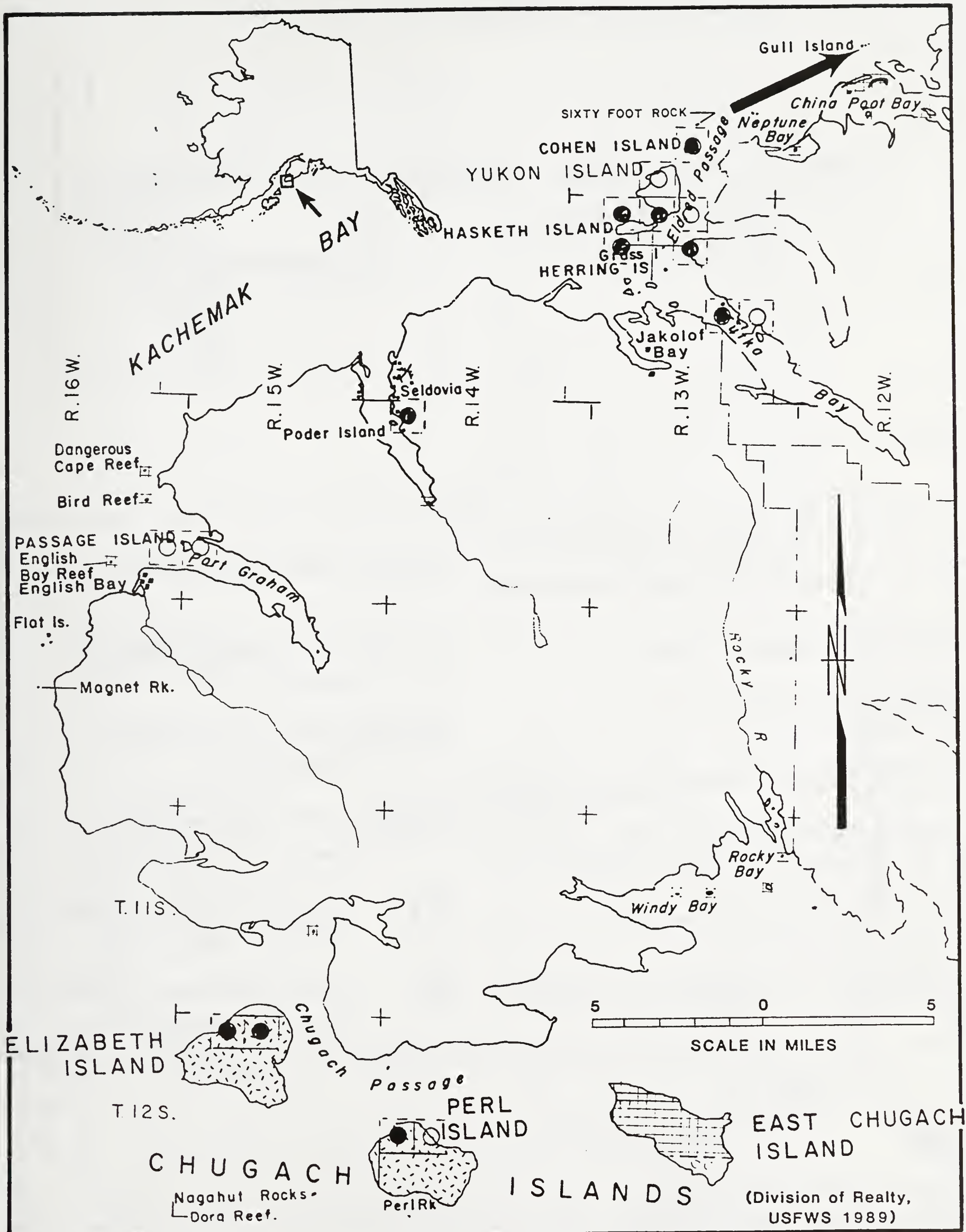
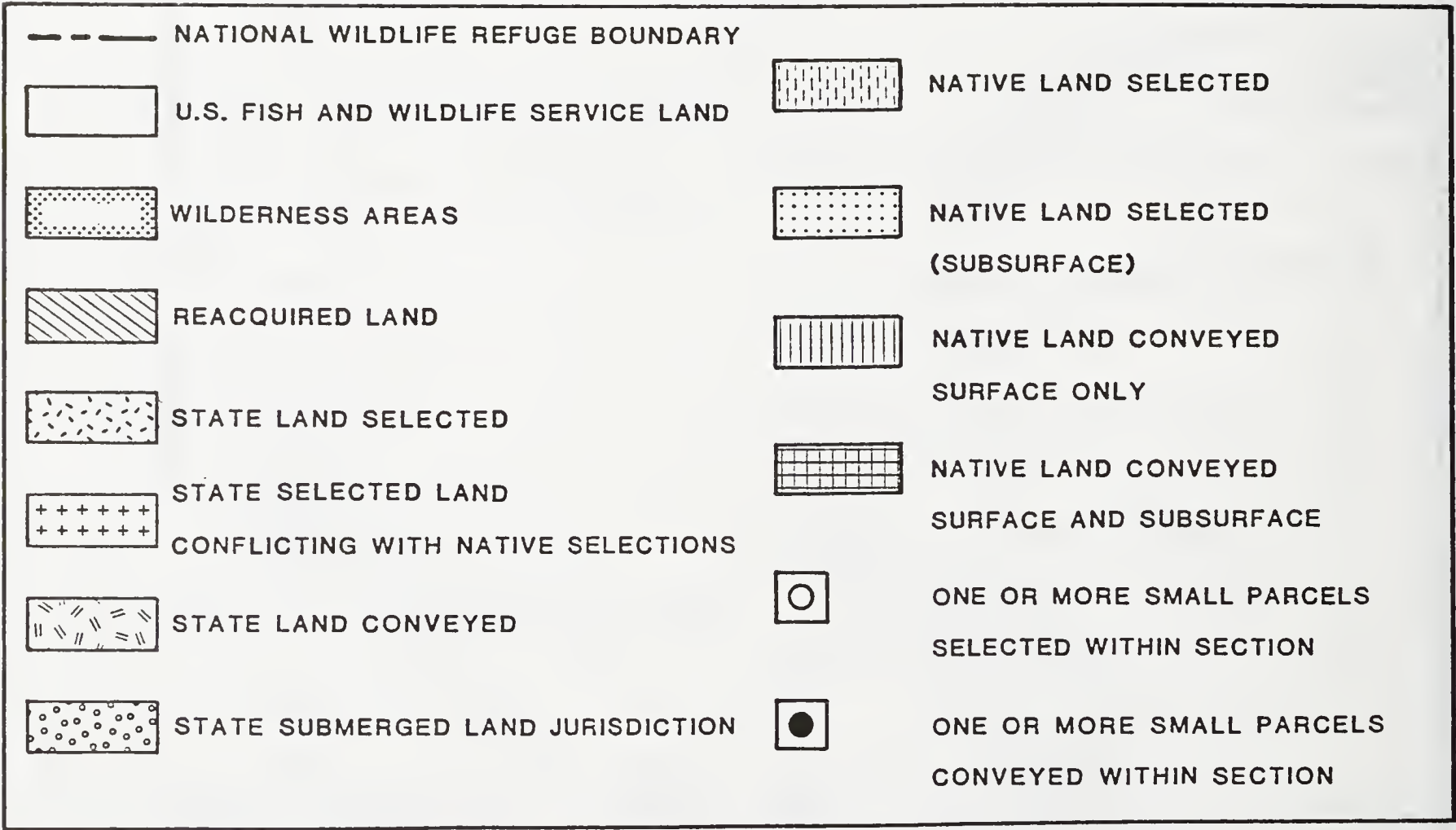
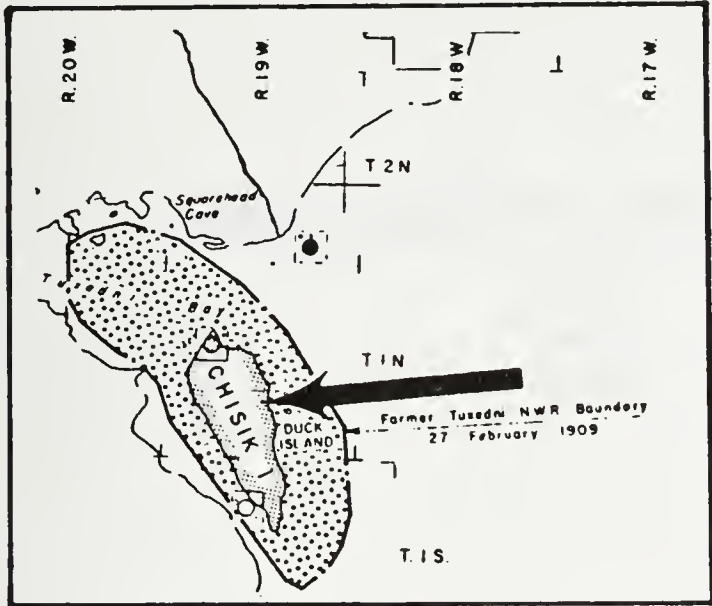


Figure 5w. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
Augustine Island	Low
Chisik Island Inholding	Low
Nordyke Island	Low

Legend





Lake Clark NP

T.3S.

CHINIAO Bay

GULL ISLAND

T.4S.

T.5S

R.23W.

T.6S.

T.7S.

T.8S.

T.9S.

T.10S.

COOK INLET

5 0 5

SCALE IN MILES

Ursus Cove

BRUIN I.

ALGHESTINE ISLAND

NORDYKE ISLAND

T.12S.

T.13S.

K A M I S H A K

B A Y

Kalmi National Park

(Division of Realty, USFWS 1989)

Figure 5x. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
Barwell Island	Low
Outer Island	Low
Slate Island	Low

Legend

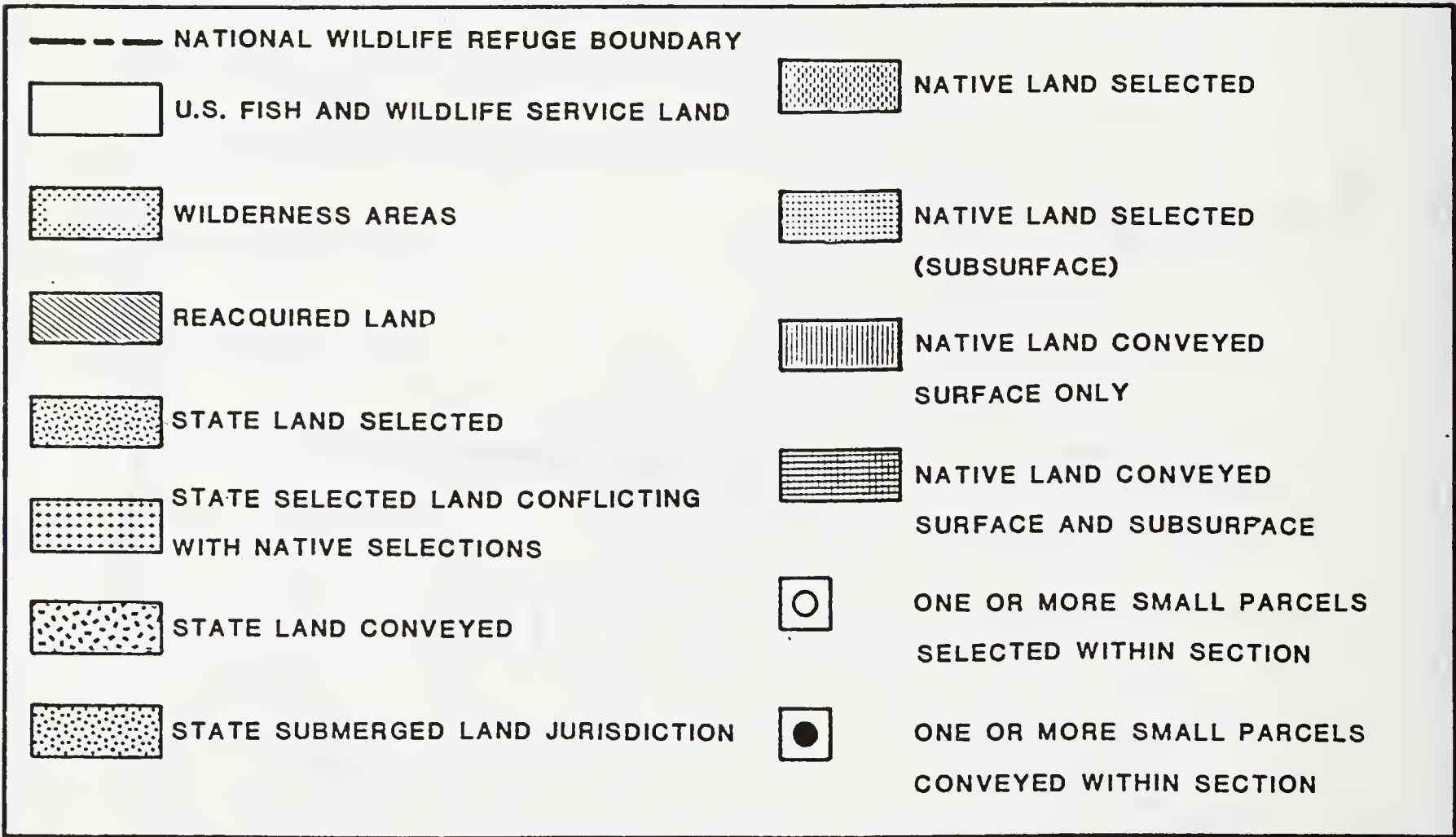


Figure 5y. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

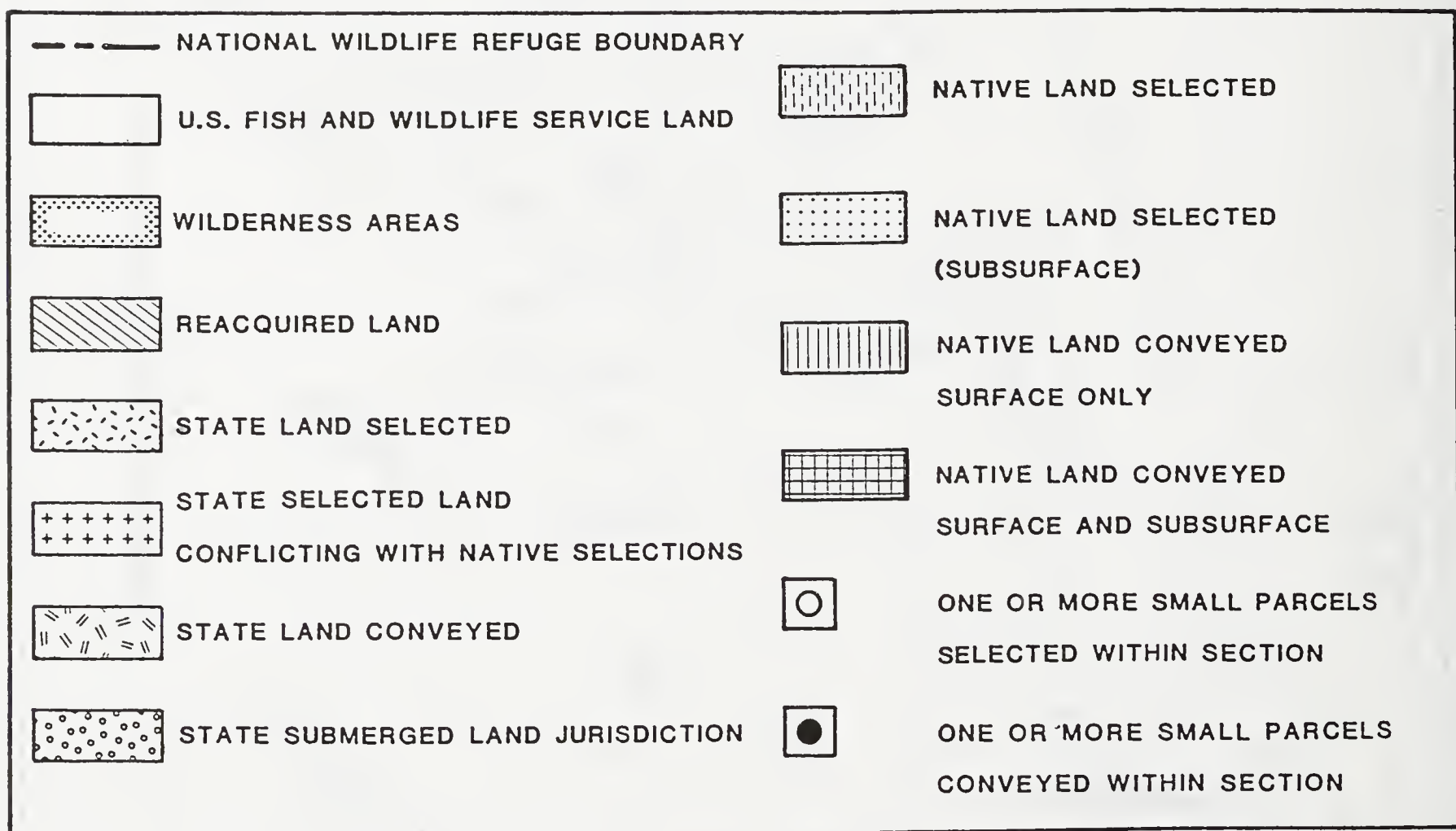
Location of Inholding

Middleton Island

Acquisition Priority Rating

Low

Legend





GULF OF ALASKA

R. 7 W.

T. 27 S.

FOUNTAIN ROCK

R. 6 W.

T. 28 S.

MIDDLETON ISLAND
(Easement Only)



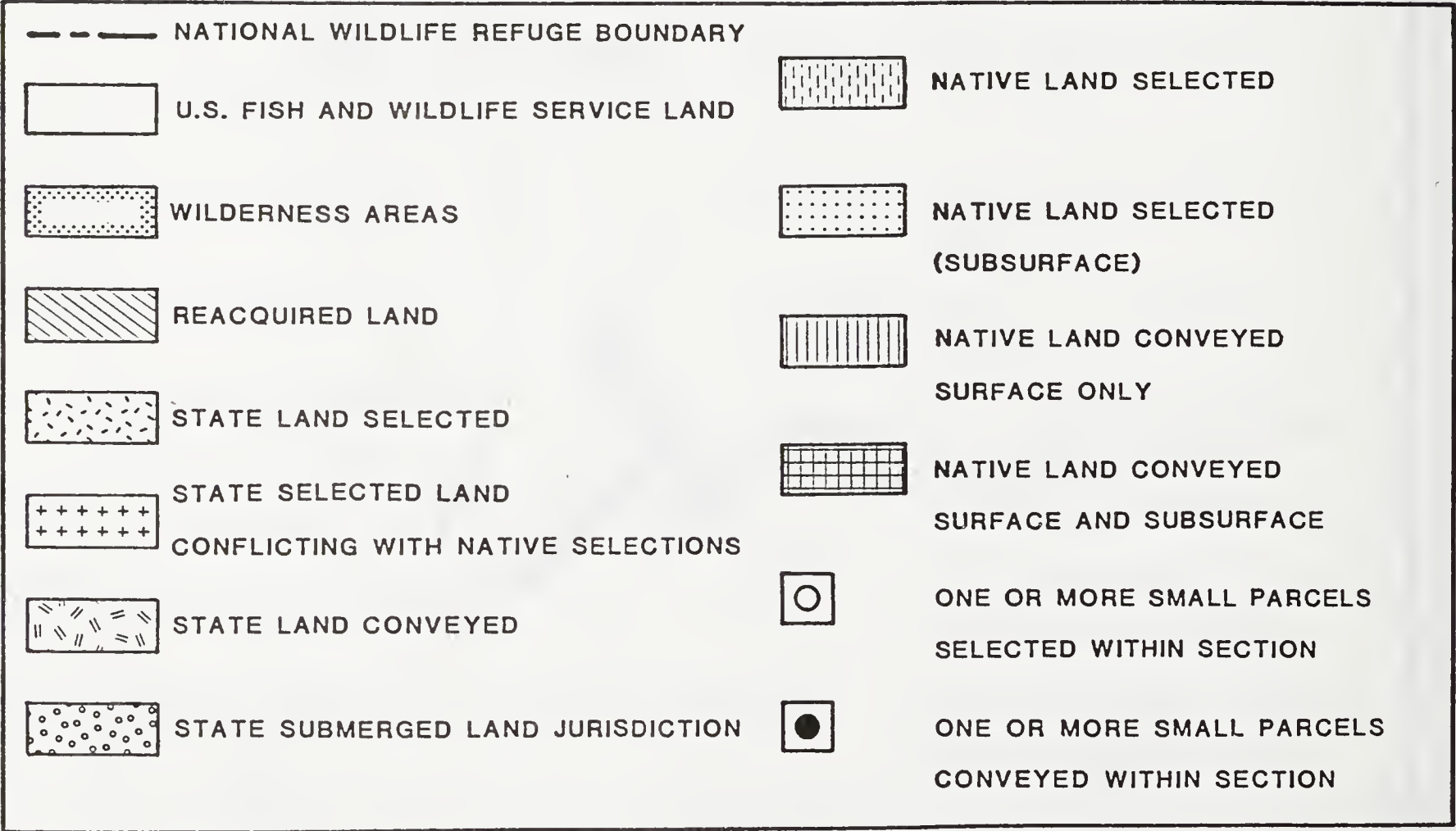
SCALE IN MILES

(Division of Realty, USFWS 1989)

Figure 5z. Acquisition priorities based on combined resource data:
Alaska Maritime National Wildlife Refuge.

Location of Inholding	Acquisition Priority Rating
Icy Bay Islands	Low
Moraine Island	Low

Legend



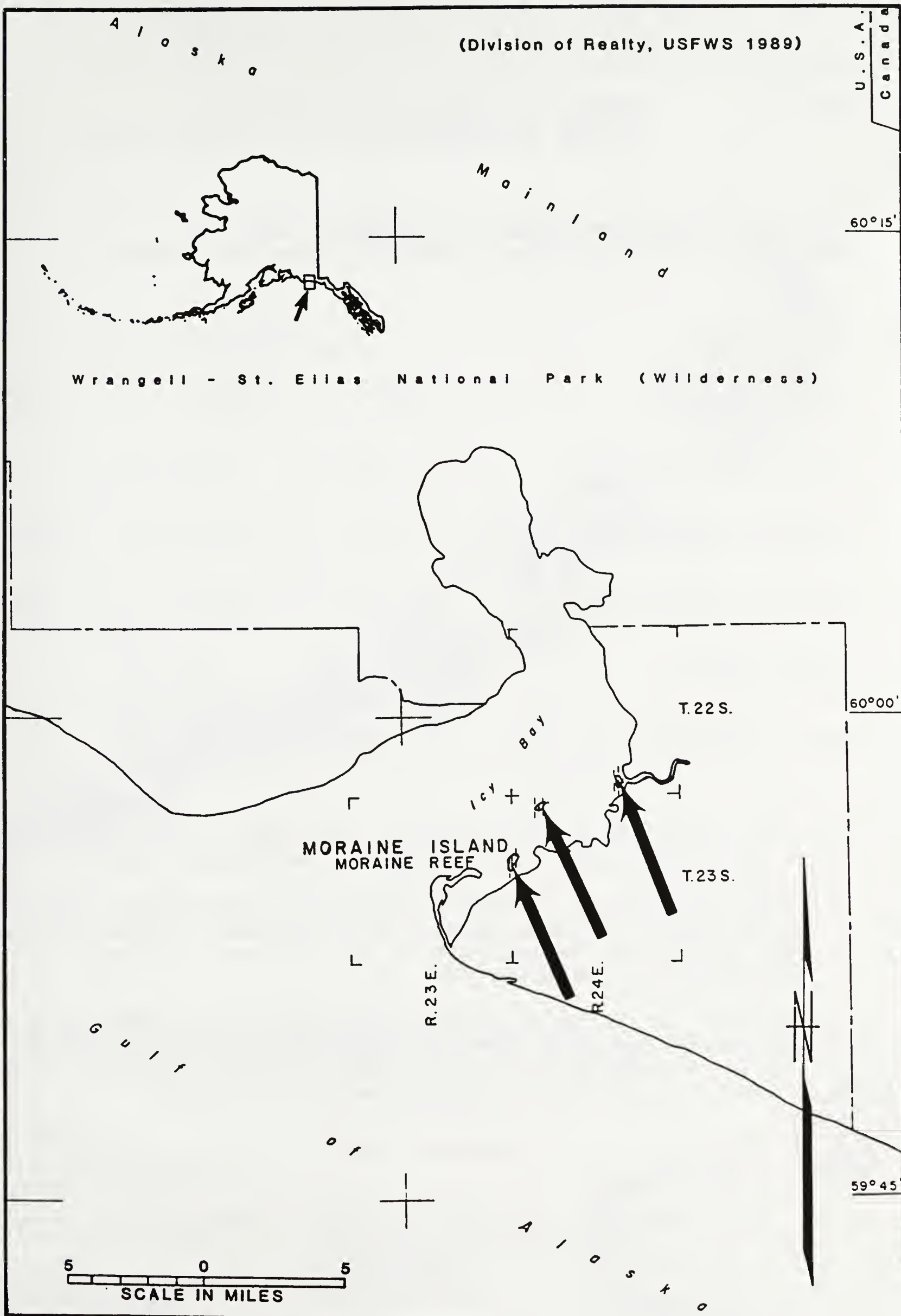


TABLE 8. SUMMARY OF ACQUISITION PRIORITIES:
ALASKA PENINSULA NATIONAL WILDLIFE REFUGE.

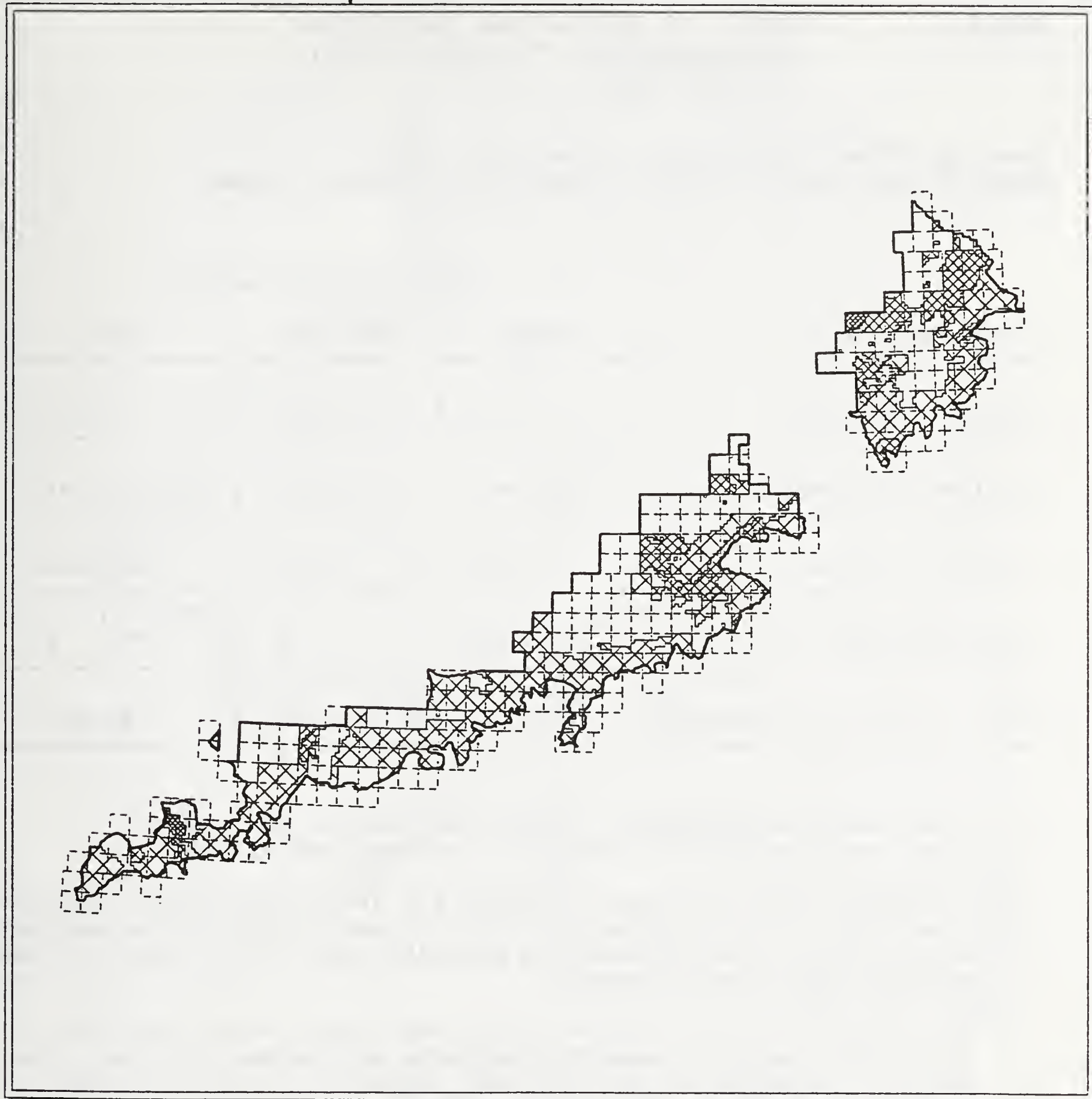
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	129	5,714	3,397
Native Corporation	32,414	450,280	1,866,785
State of Alaska	1,734	129,341	488,749
Other Private	8	472	817
*Total Acquirable Acreage	40,180	573,409	2,164,903

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 6

ALASKA PENINSULA NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



SCALE 1:2871500

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife

Landstatus:

Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

Projected in UTM Zone 4

20 Dec 89 14:18:32 Wednesday

US F&WS REGION 7

ANCHORAGE, ALASKA

PRIORITY KEY:



High Priority



Medium Priority



Low Priority



Federal Or
Non-Acquirable



Township Boundaries



TABLE 9. SUMMARY OF ACQUISITION PRIORITIES:
ARCTIC NATIONAL WILDLIFE REFUGE.

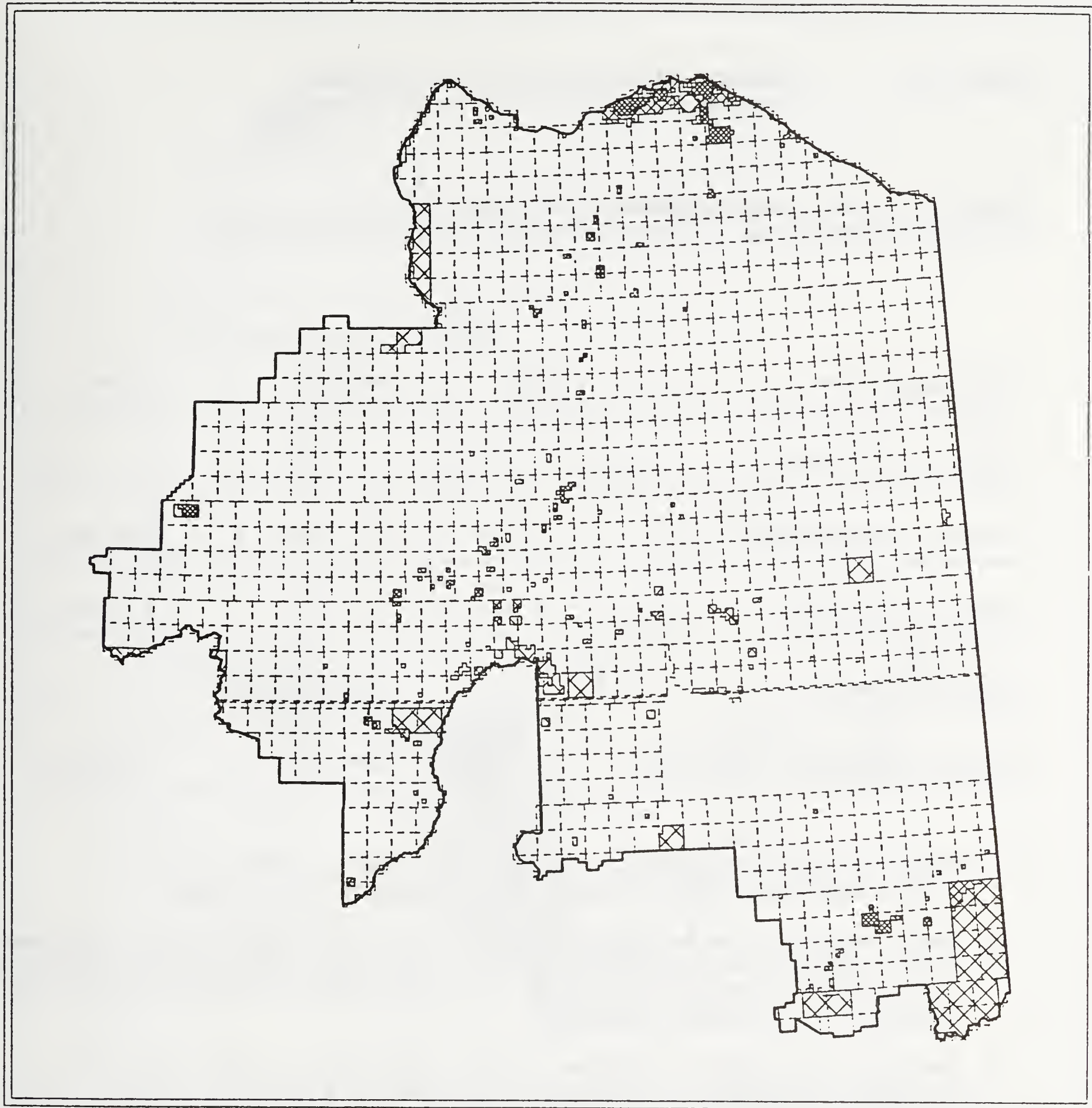
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	7,607	2,958	8,443
Native Corporation	72,961	70,628	520,631
State of Alaska	434	6,036	131,650
Other Private	90	0	0
*Total Acquirable Acreage	157,070	120,775	756,883

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 7

ARCTIC NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



SCALE 1:2314500

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty.
Refuges & Wildlife

Landstatus:
Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management.
Branch of Geographic Analysis

Projected in UTM Zone 6
20 Dec 89 14:06:32 Wednesday
US F&WS REGION 7
ANCHORAGE, ALASKA

A-115

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 10. SUMMARY OF ACQUISITION PRIORITIES:
BECHAROF NATIONAL WILDLIFE REFUGE.

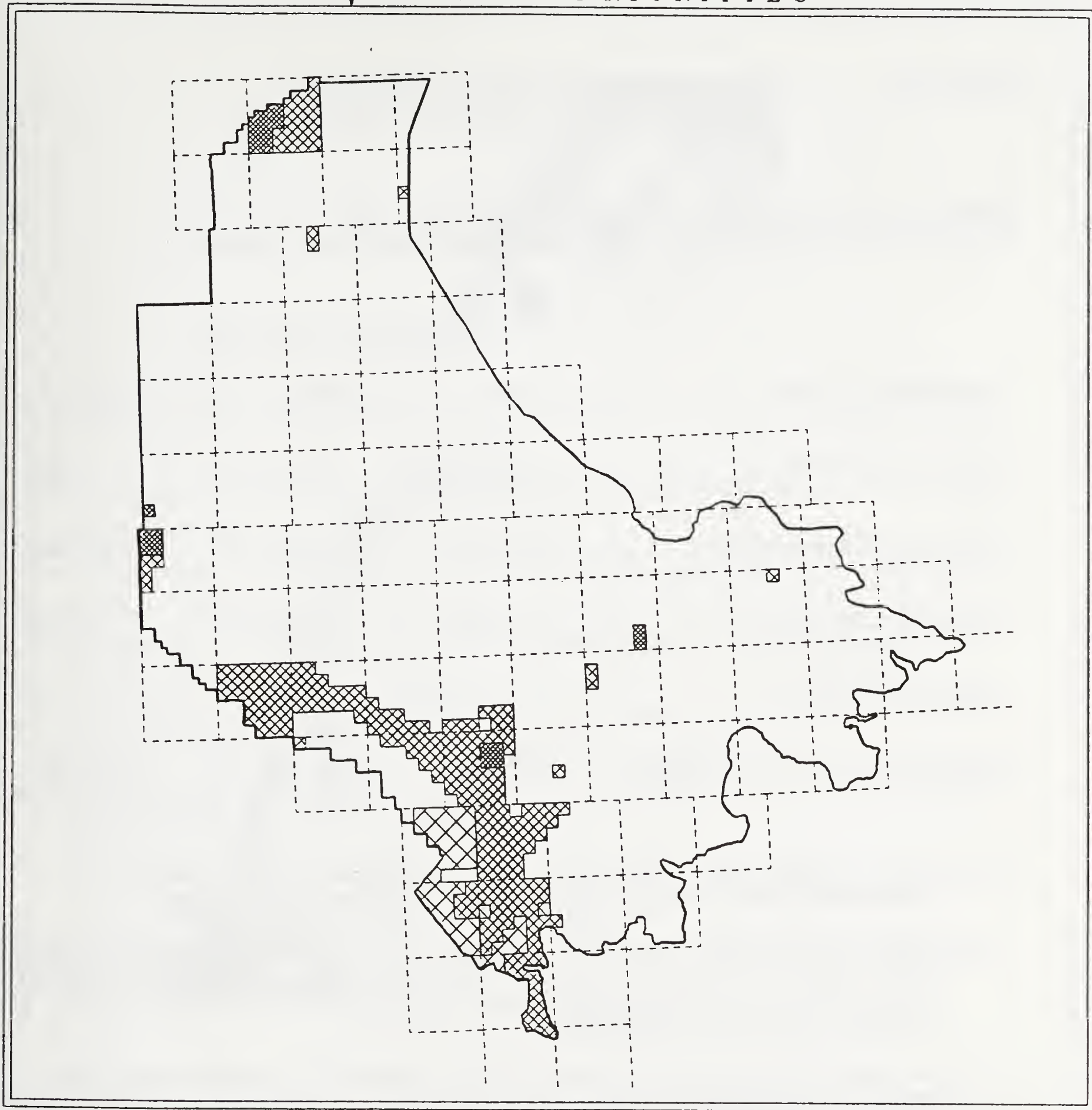
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	99	225	0
Native Corporation	8,295	91,893	18,830
State of Alaska	1,890	47,550	15,092
Other Private	115	23	0
*Total Acquirable Acreage	12,783	133,177	28,662

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 8

BECHAROF NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 30 40
0 16 48 64
MILES
KILOMETERS

SCALE 1:770000

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife

Landstatus
Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

Projected in UTM Zone 4
20 Dec 89 09:56:26 Wednesday
US F&WS REGION 7
ANCHORAGE ALASKA

A-117

PRIORITY KEY:

- High Priority
- Medium Priority
- Low Priority
- Federal or Non-Acquirable
- Township Boundaries



TABLE 11. SUMMARY OF ACQUISITION PRIORITIES:
INNOKO NATIONAL WILDLIFE REFUGE.

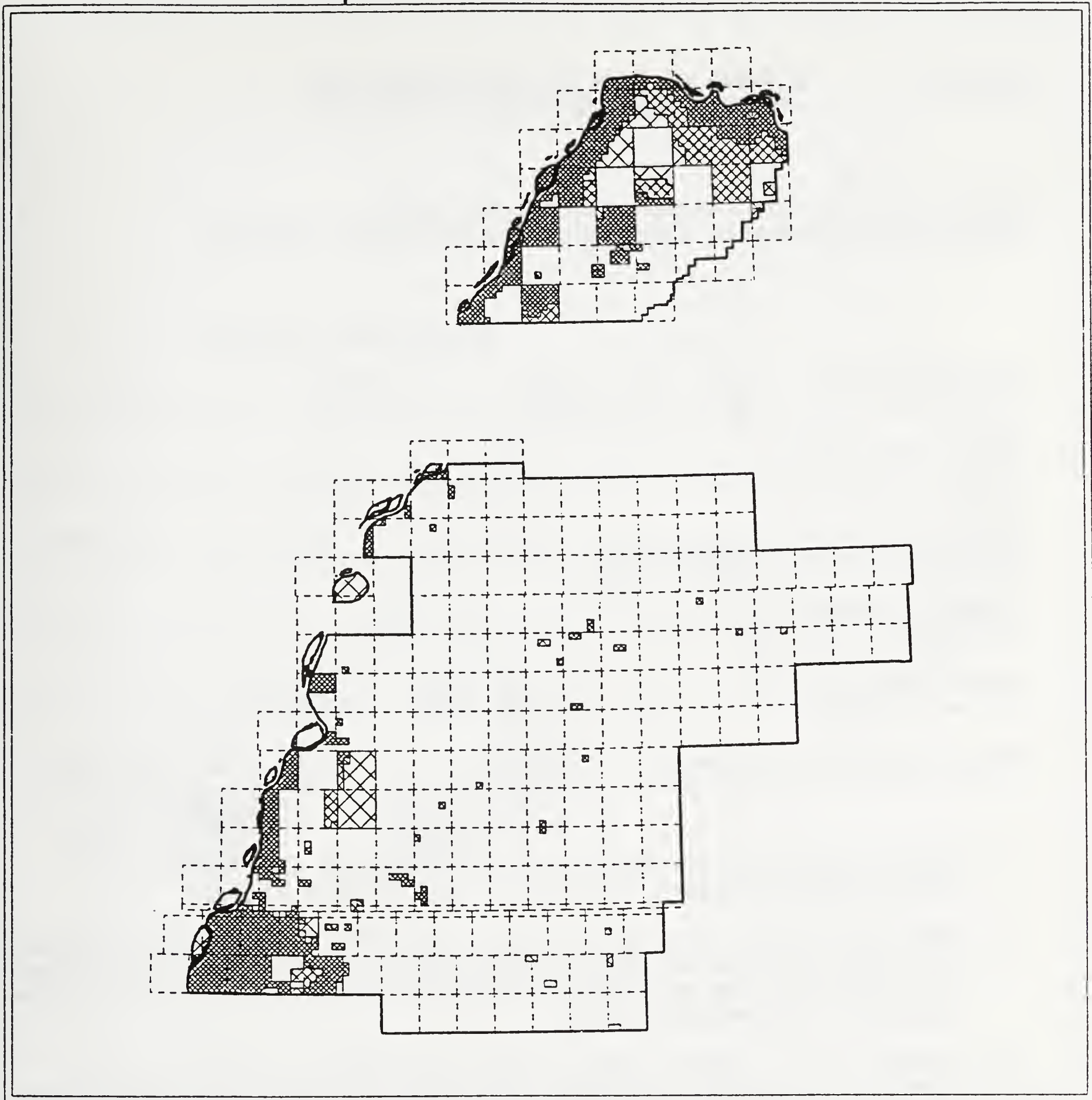
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	12,895	1,254	624
Native Corporation	351,659	105,412	111,628
State of Alaska	49,308	20,209	2,420
Other Private	17	0	0
*Total Acquirable Acreage	464,022	141,899	118,892

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 9

INNOKO NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 20 30 40
0 16 32 48 64
MILES
KILOMETERS

SCALE 1:1478500

Projected in UTM Zone 4
20 Dec 89 14:00:51 Wednesday
US F&WS REGION 7
ANCHORAGE, ALASKA

A-119

DATA SOURCES:

Wildlife Resources.
F&WS Division of Realty.
Refuges & Wildlife

Landstatus:

Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 12. SUMMARY OF ACQUISITION PRIORITIES:
IZEMBEK NATIONAL WILDLIFE REFUGE.

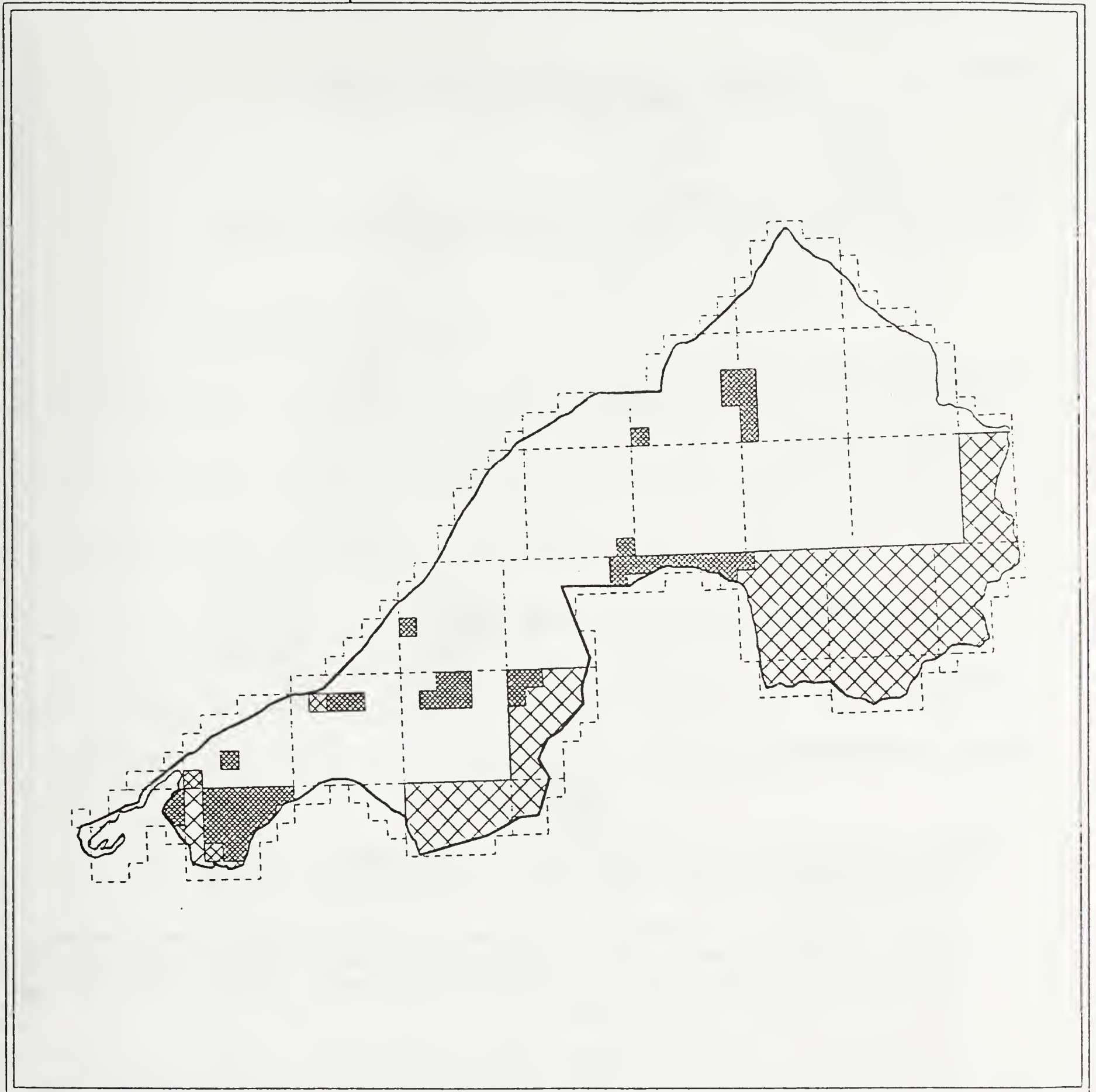
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	0	0	0
Native Corporation	12,205	660	97,336
State of Alaska	0	0	0
Other Private	0	0	5
*Total Acquirable Acreage	26,614	1,903	97,509

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 10

IZEMBEK NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 20 30 40
MILES
0 16 32 48 64
KILOMETERS
SCALE 1:518500

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife

Land Status:

Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management
Branch of Geographic Analysis

Projected in UTM Zone 3
09 Jan 90 16 14:06 Tuesday
US F&WS REGION 7
ANCHORAGE ALASKA
A-121

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 13. SUMMARY OF ACQUISITION PRIORITIES:
KANUTI NATIONAL WILDLIFE REFUGE.

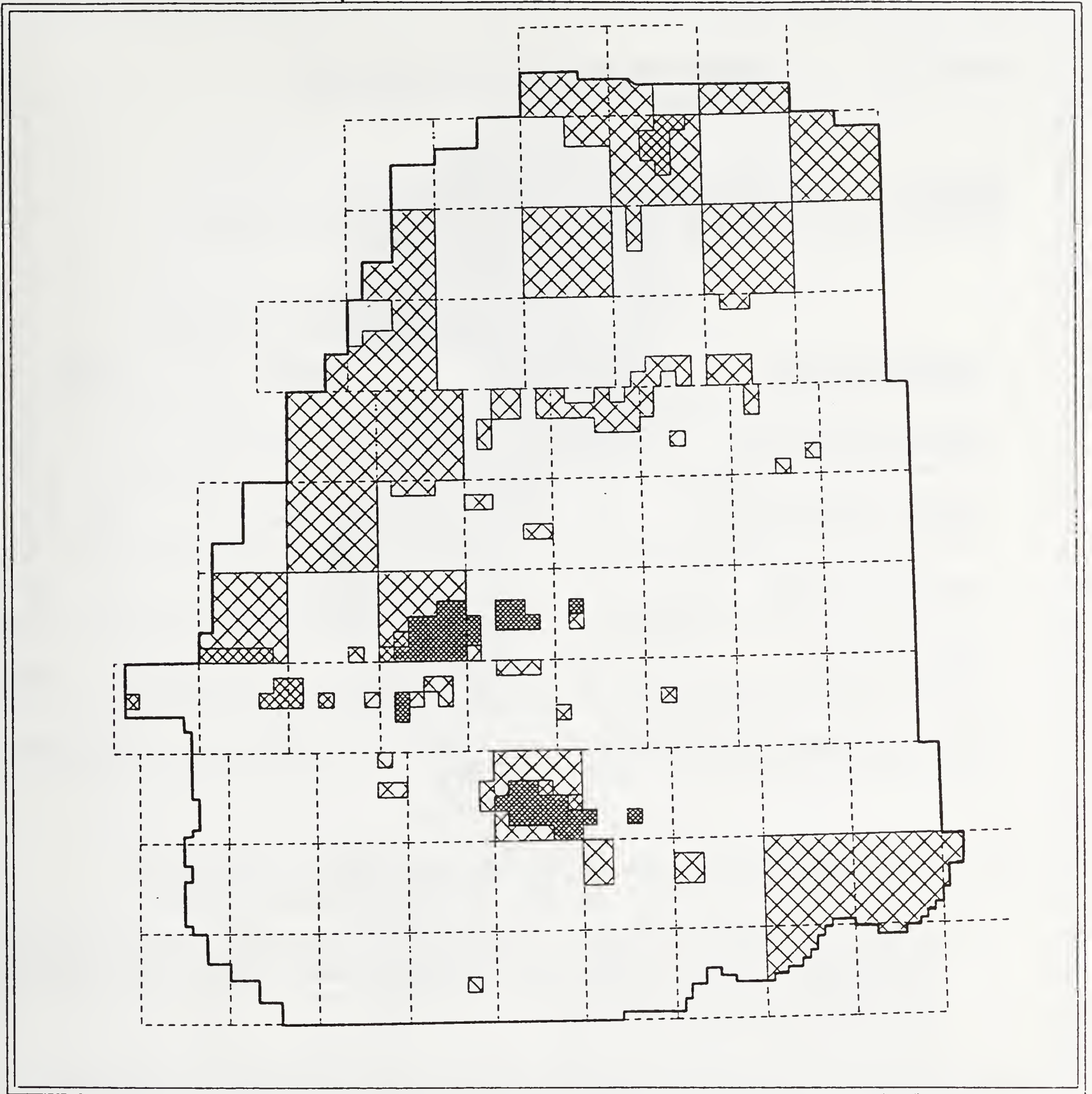
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	481	240	4,553
Native Corporation	16,701	10,129	316,590
State of Alaska	0	0	0
Other Private	0	0	5
*Total Acquirable Acreage	26,117	14,671	369,921

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 11

KANUTI NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 30 40
MILES
0 16 48 64
KILOMETERS

SCALE 1:630000

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife
Landstatus.
Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

Projected in UTM Zone 5
20 Dec 89 16:45:21 Wednesday
US F&WS REGION 7
ANCHORAGE ALASKA

A-123

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 14. SUMMARY OF ACQUISITION PRIORITIES:
KENAI NATIONAL WILDLIFE REFUGE.

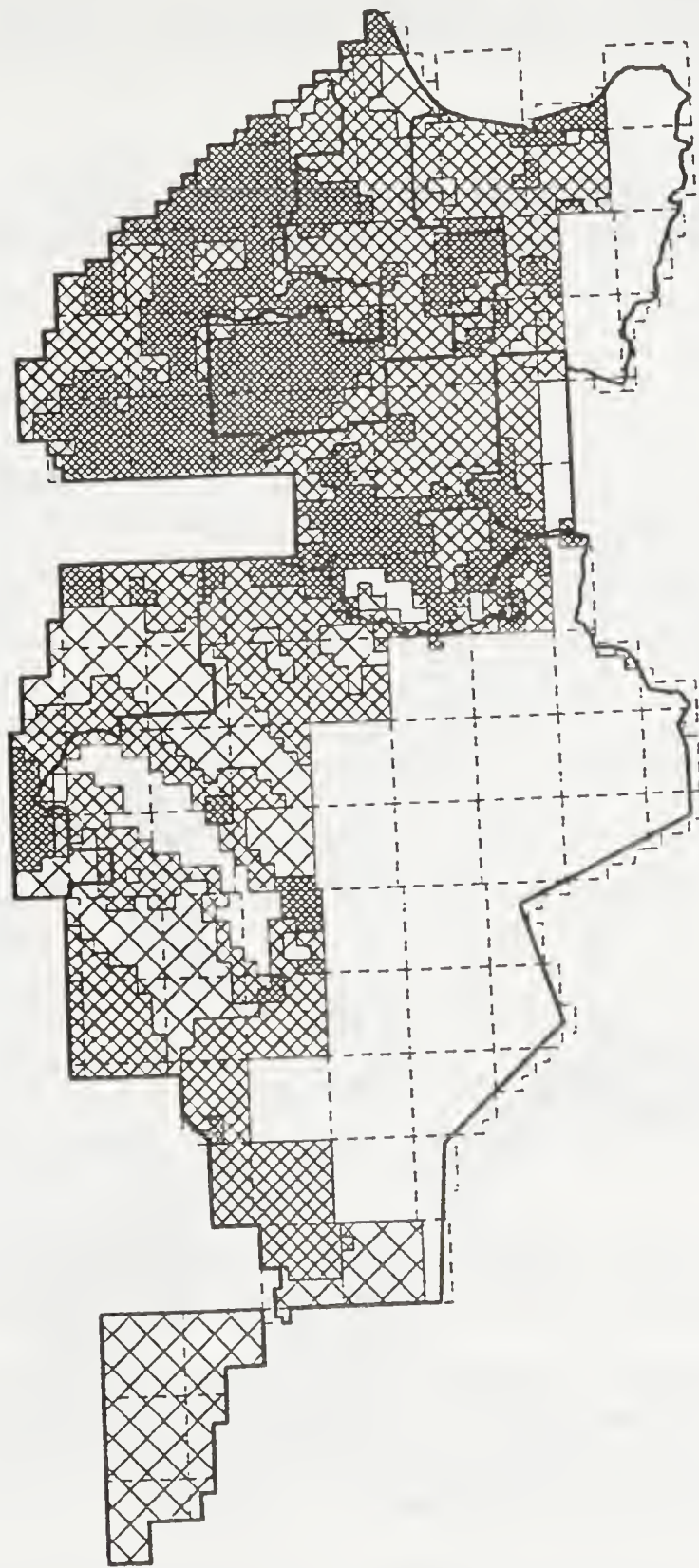
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	160	110	0
Native Corporation	384,152	607,698	320,284
State of Alaska	775	355	720
Other Private	69	136	86
*Total Acquirable Acreage	403,888	647,808	325,940

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 12

KENAI NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 30 40
0 16 48 64
MILES
KILOMETERS

SCALE 1.1114000

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife

Landstatus:

Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

Projected in UTM Zone 5
20 Dec 89 17:03:22 Wednesday
US F&WS REGION 7
ANCHORAGE ALASKA

A-125

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 15. SUMMARY OF ACQUISITION PRIORITIES:
KODIAK NATIONAL WILDLIFE REFUGE.

Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	11,362	1,806	1,607
Native Corporation	196,850	84,131	204,257
State of Alaska	2,918	0	18,660
Other Private	487	511	385
*Total Acquirable Acreage	293,092	128,517	295,062

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 13

KODIAK NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 30 40
0 16 48 64
MILES
KILOMETERS

SCALE 1:1180500

Projected in UTM Zone 5
20 Dec 89 17:41:19 Wednesday
US F&WS REGION 7
ANCHORAGE, ALASKA

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife
Landstatus.
Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 16. SUMMARY OF ACQUISITION PRIORITIES:
KOYUKUK NATIONAL WILDLIFE REFUGE.

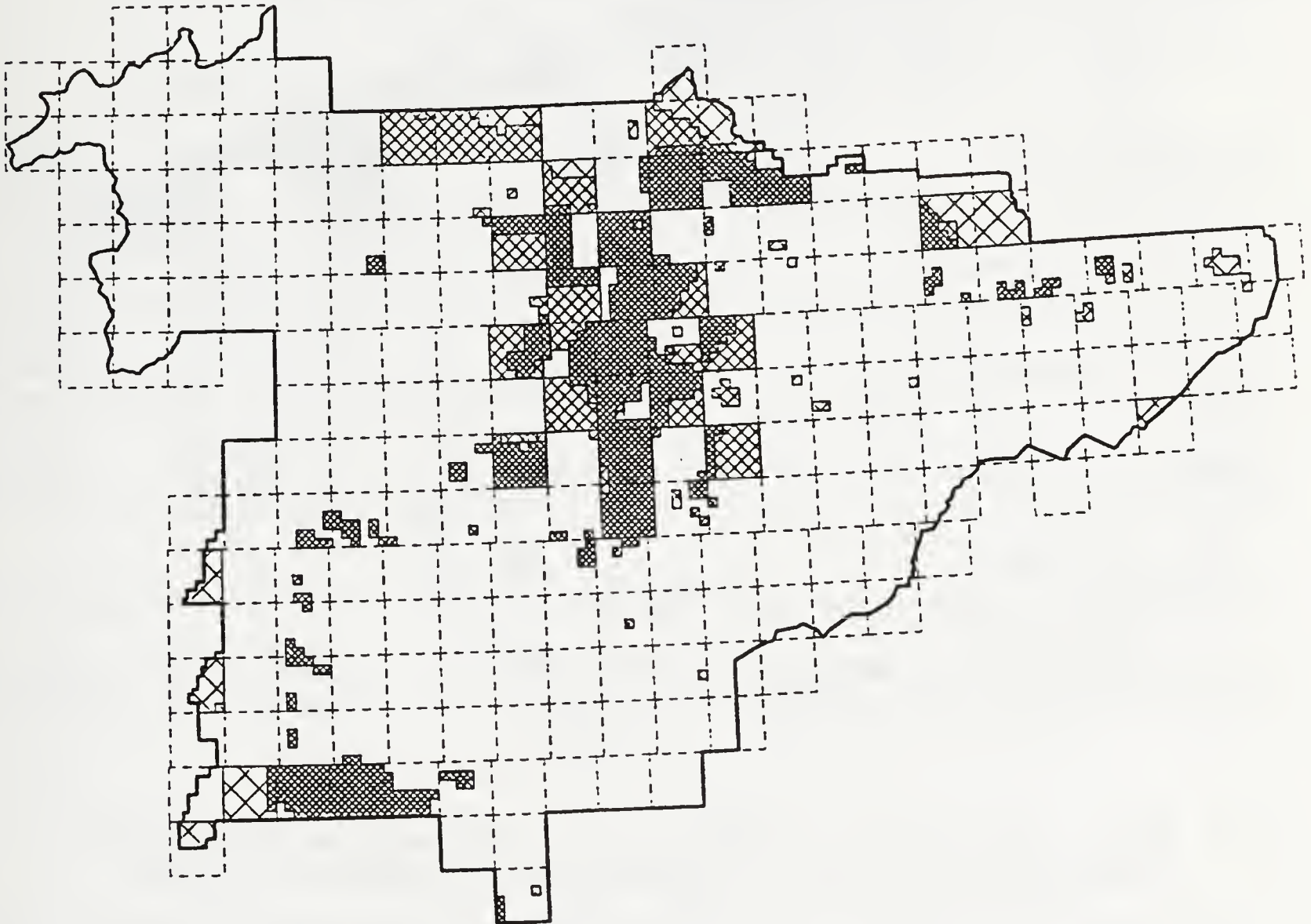
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	12,946	3,523	0
Native Corporation	335,180	205,904	119,196
State of Alaska	26,191	14,671	11,774
Other Private	12	0	0
*Total Acquisition Acreage	437,589	241,980	135,720

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 14

KOYUKUK NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 20 30 40
0 16 32 48 64
MILES
KILOMETERS

SCALE 1:1412000

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife

Landstatus:

Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

Projected in UTM Zone 4
20 Dec 89 17:30:11 Wednesday
US F&WS REGION 7
ANCHORAGE, ALASKA

A-129

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 17. SUMMARY OF ACQUISITION PRIORITIES:
NOWITNA NATIONAL WILDLIFE REFUGE.

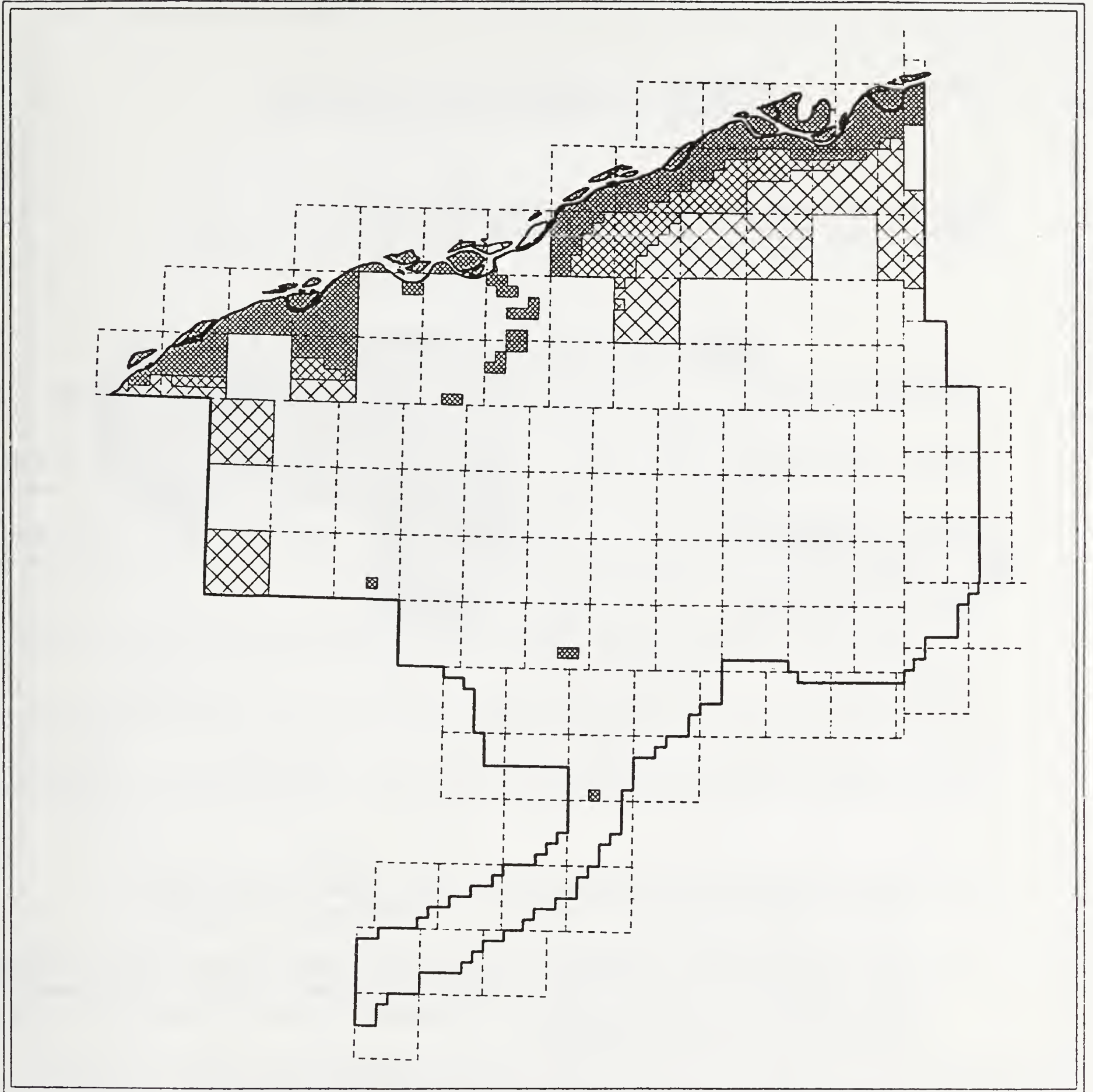
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	2,078	75	0
Native Corporation	88,963	6,420	61,881
State of Alaska	69,036	55,842	138,330
Other Private	10	0	0
*Total Acquisition Acreage	227,898	62,899	197,993

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 15

NOWITNA NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 30 40
0 16 48 64
MILES
KILOMETERS

SCALE 1:870500

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife
Landslatus.

Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

Projected in UTM Zone 5
20 Dec 89 18:12:06 Wednesday
US F&WS REGION 7
ANCHORAGE, ALASKA

A-131

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or
Non-Acquirable
-  Township Boundaries



TABLE 18. SUMMARY OF ACQUISITION PRIORITIES:
SELAWIK NATIONAL WILDLIFE REFUGE.

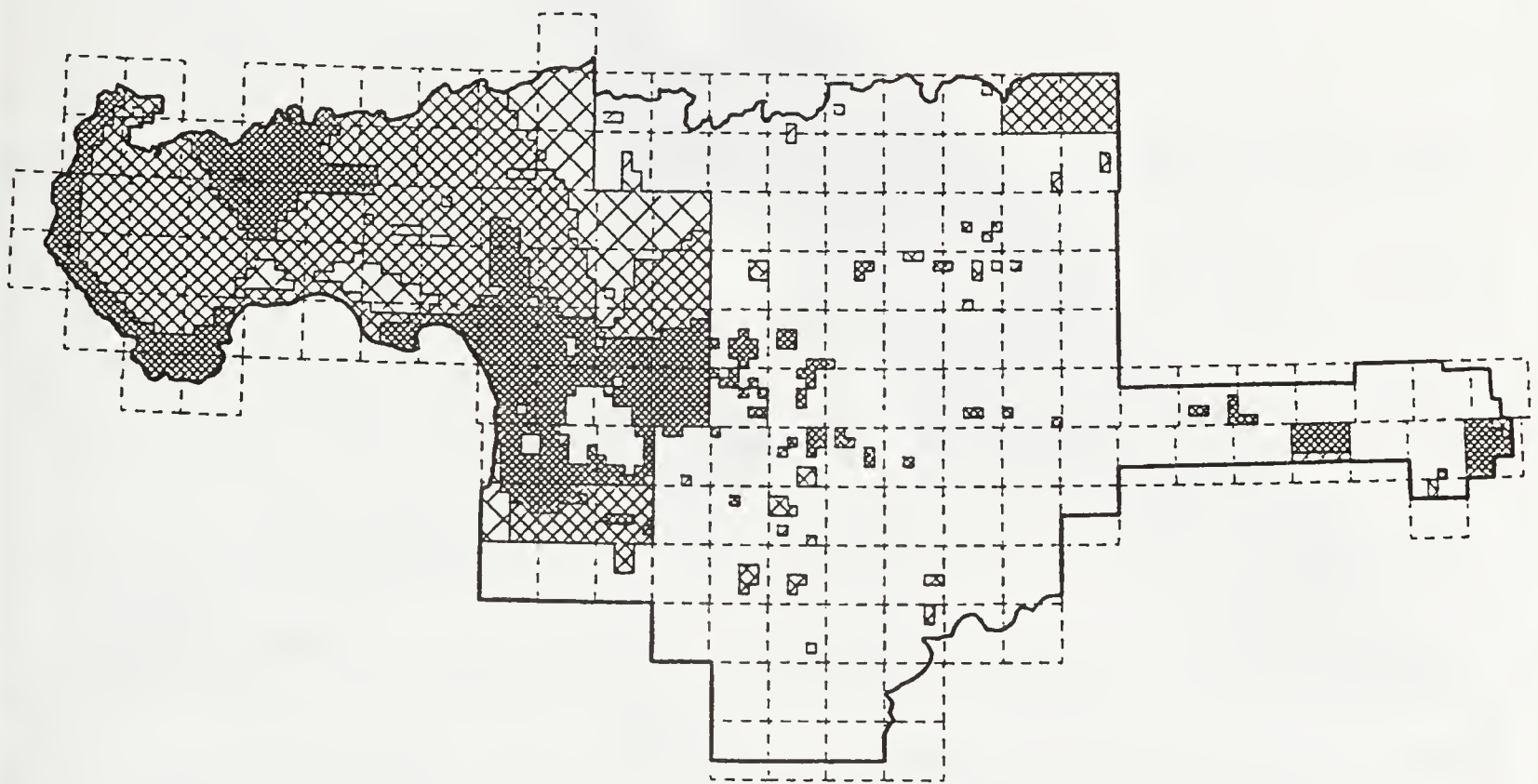
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	17,880	19,159	4,028
Native Corporation	309,855	538,767	166,981
State of Alaska	5,305	0	0
Other Private	5	0	0
*Total Acquisition Acreage	454,722	655,652	182,182

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 16

SELAWIK NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 30 40
0 15 45 60
MILES
KILOMETERS

SCALE 1:1503500

DATA SOURCES

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife

Landstatus:
Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

Projected in UTM Zone 4
20 Dec 89 17:55:18 Wednesday
US F&WS REGION 7
ANCHORAGE, ALASKA

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 19. SUMMARY OF ACQUISITION PRIORITIES:
TETLIN NATIONAL WILDLIFE REFUGE.

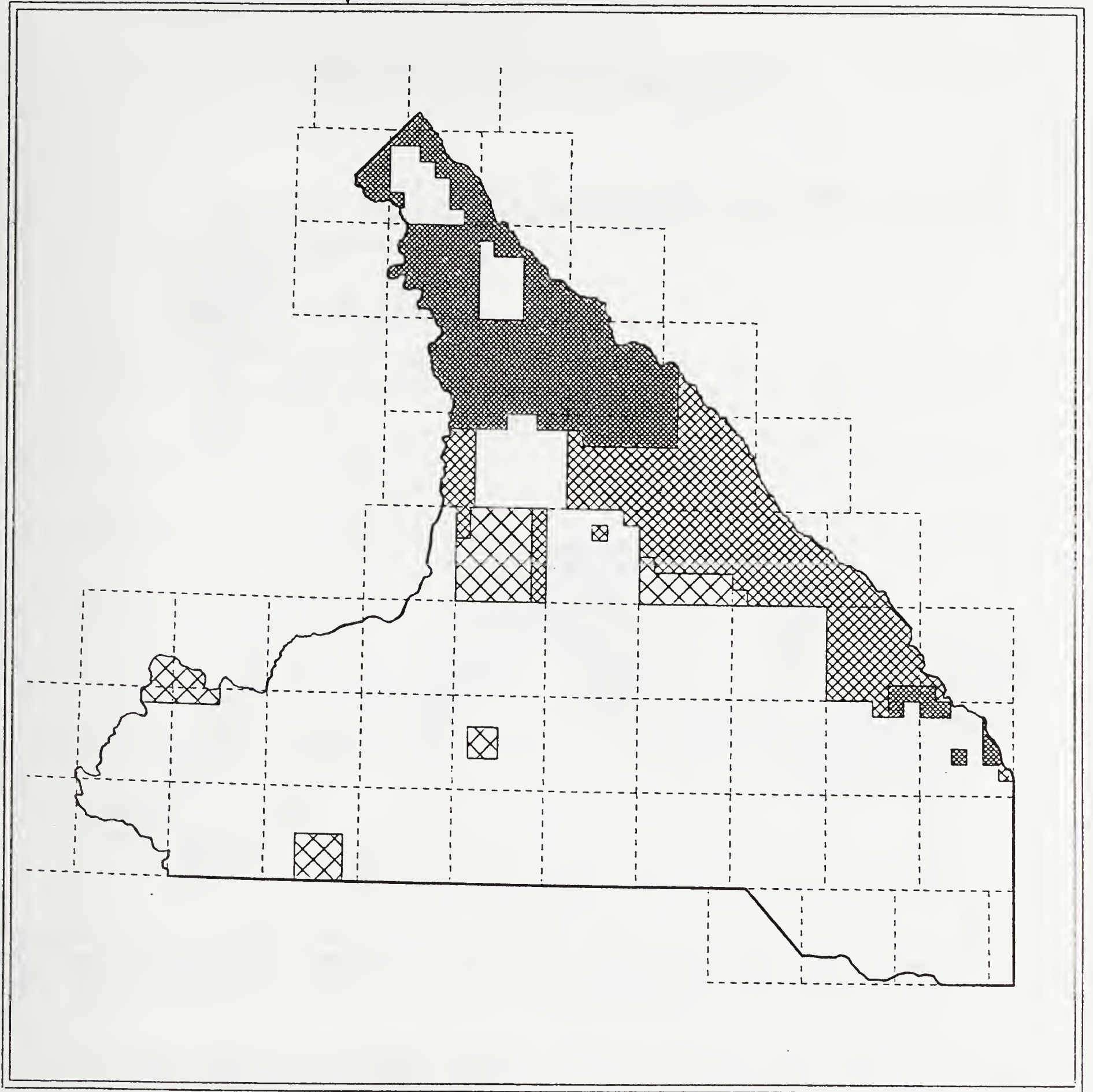
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	6,180	2,457	40
Native Corporation	102,207	46,802	30,189
State of Alaska	2,380	64,993	8,818
Other Private	873	198	0
*Total Acquisition Acreage	114,756	114,845	41,580

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 17

TETLIN NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 30 40
MILES
0 16 48 64
KILOMETERS

SCALE 1:601500

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife

Landstatus:
Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

Projected in UTM Zone 7
20 Dec 89 09:59:27 Wednesday
US F&WS REGION 7
ANCHORAGE, ALASKA

A-135

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 20. SUMMARY OF ACQUISITION PRIORITIES:
TOGIAC NATIONAL WILDLIFE REFUGE.

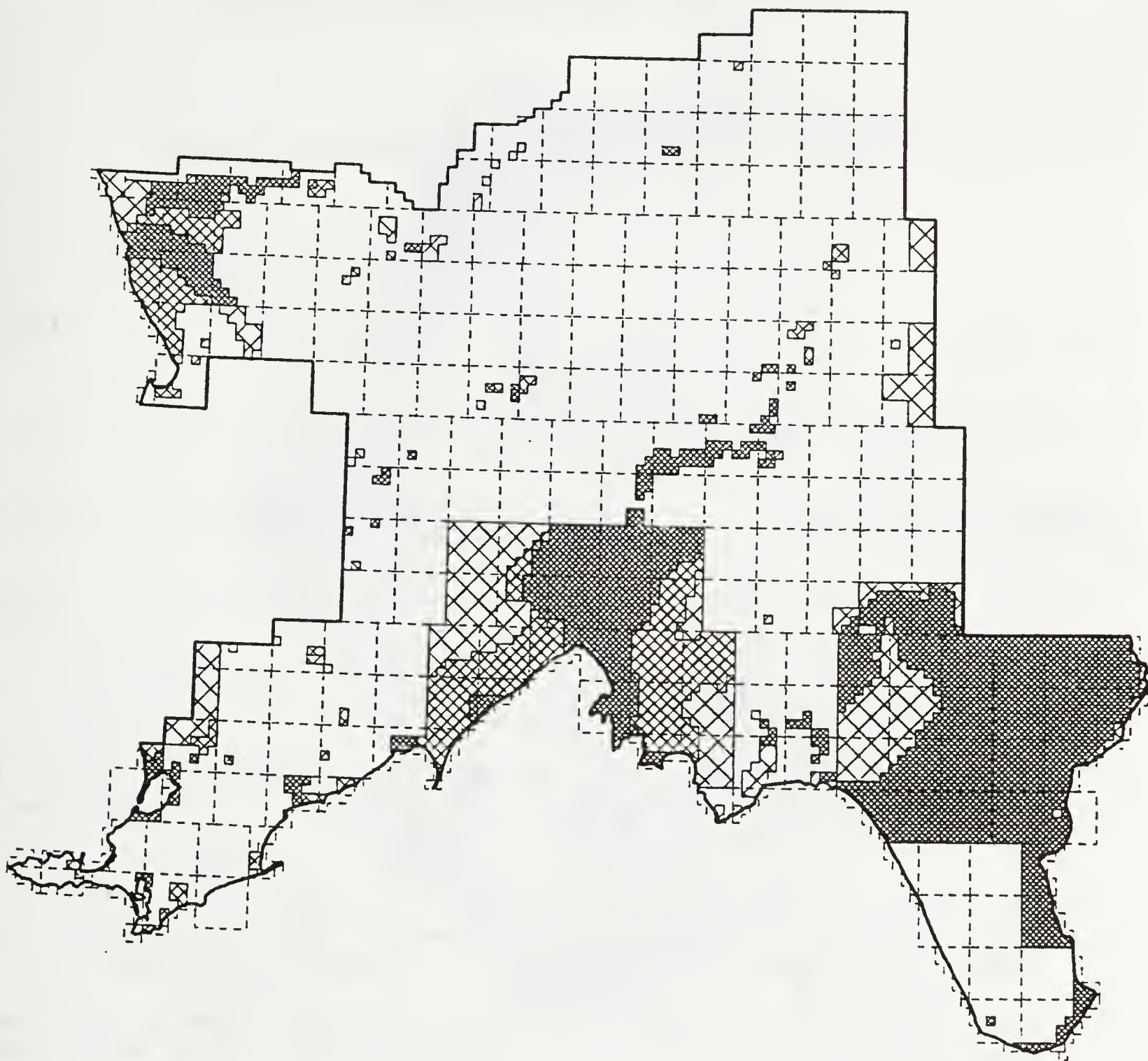
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	33,427	8,698	4,934
Native Corporation	661,646	239,664	276,733
State of Alaska	69,345	40	49,278
Other Private	763	1,116	0
*Total Acquisition Acreage	793,585	296,395	359,144

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 18

TOGIAK NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



0 10 30 40
0 16 48 64
MILES
KILOMETERS

SCALE 1:1316000

DATA SOURCES:
Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife
Landstatus:
Bureau of Land Management
F&WS Division of Realty
DATA ANALYSIS:
F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

Projected in UTM Zone 5
20 Dec 89 18.19.49 Wednesday
US F&WS REGION 7
ANCHORAGE, ALASKA

A-137

PRIORITY KEY:

- High Priority
- Medium Priority
- Low Priority
- Federal Or Non-Acquirable
- Township Boundaries



TABLE 21. SUMMARY OF ACQUISITION PRIORITIES:
YUKON DELTA NATIONAL WILDLIFE REFUGE.

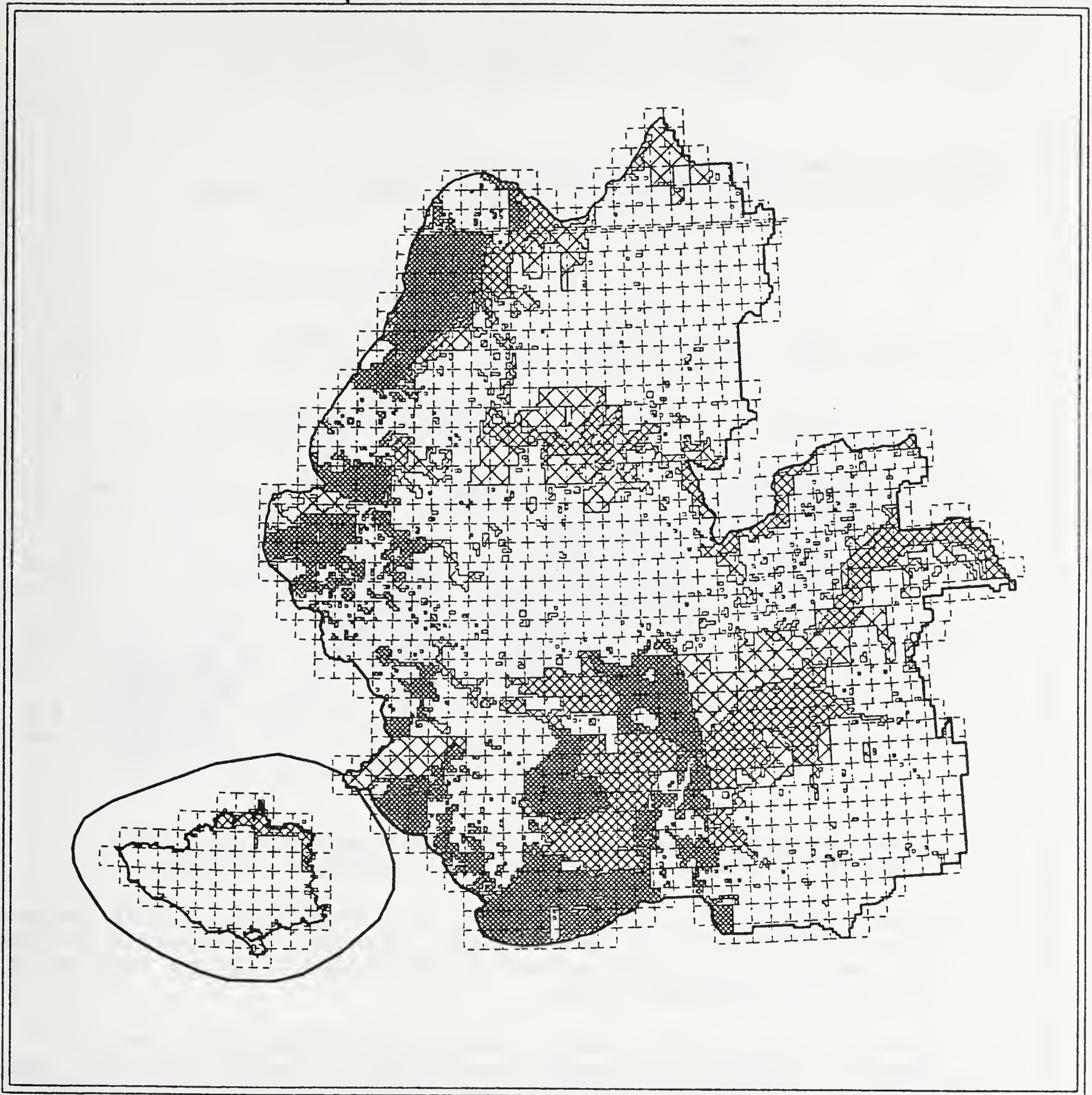
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	132,811	129,201	80,378
Native Corporation	2,668,992	2,435,318	2,081,984
State of Alaska	482	81,714	26,433
Other Private	196	536	80
*Total Acquisition Acreage	3,525,925	3,054,262	2,540,960

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 19

YUKON DELTA NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife

Landstatus:

Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

SCALE 1:2941000

Projected in UTM Zone 3
21 Dec 89 16:29:48 Thursday
US F&WS REGION 7
ANCHORAGE, ALASKA

A-139

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



TABLE 22. SUMMARY OF ACQUISITION PRIORITIES:
YUKON FLATS NATIONAL WILDLIFE REFUGE.

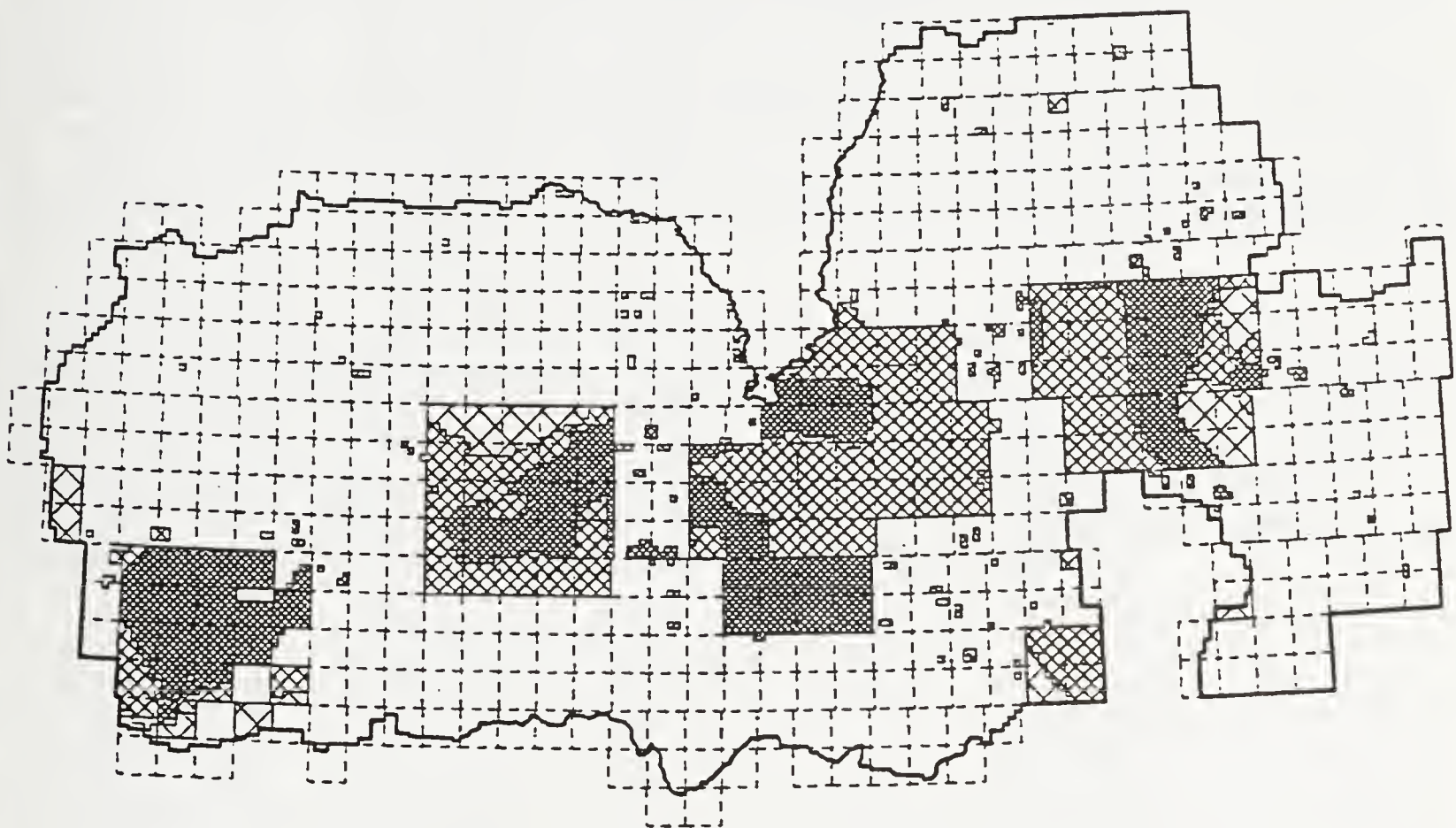
Summary of Land Acquisition Priorities, 1990
Acquisition Ranking By Land Ownership/Selection (Acres)

Ownership Type	Acquisition Priority		
	High	Medium	Low
Native Allotment	24,454	24,679	1,852
Native Corporation	973,060	1,253,970	267,196
State of Alaska	5,055	11,464	49,224
Other Private	2	6	23
*Total Acquisition Acreage	1,162,691	1,446,408	335,808

- * 1) Total acquirable acreage is not the same as the sum of 'ownership/selection' because of overlapping claims.
- 2) Total acquirable acreage includes all inholdings within refuges. Some federally-owned land is also included, since whole sections are ranked in the acquisition priority model if any part of the section is privately-owned.
- 3) Because of 1) and 2) above, total acquirable acres does not precisely describe ownership patterns on Alaskan refuges. See Table 1, Appendix A, for the most accurate estimate of land status for National Wildlife Refuges in Alaska.

FIGURE 20

YUKON FLATS NATIONAL WILDLIFE REFUGE ACQUISITION PRIORITIES



SCALE 1:2230000

Projected in UTM Zone 6
20 Dec 89 18:59:09 Wednesday
US F&WS REGION 7
ANCHORAGE, ALASKA
A-141

DATA SOURCES:

Wildlife Resources:
F&WS Division of Realty,
Refuges & Wildlife

Landstatus:
Bureau of Land Management
F&WS Division of Realty

DATA ANALYSIS:

F&WS Division of Information
Resource Management,
Branch of Geographic Analysis

PRIORITY KEY:

-  High Priority
-  Medium Priority
-  Low Priority
-  Federal Or Non-Acquirable
-  Township Boundaries



CHAPTER IX

ACQUISITION PRIORITIES ON NATIONAL WILDLIFE REFUGES SUMMARIZED BY TOWNSHIP

Table 23 lists acquisition priorities of inholdings on refuges throughout the state generalized to the township level. Acreages of high, medium, and low classed priorities are summed for each township. Table 23 is divided into three levels. Townships with high ranked inholdings are listed first; followed by townships with medium ranked inholdings; followed by low ranked inholdings. A single township may have inholdings all classed the same or in all three levels. Consequently a township may be listed in once, twice or three times. The refuge on which the township is located is also identified. In addition, acreage by kind of ownership (Native, Native corporation, state or other private) is also summarized for each township by high, medium and low class levels. As previously mentioned land status estimates in the model are valid only to the section level.

Also as explained in detail in Chapters VII and VIII, multiple selections are listed in the following tables. To compute the actual total numbers of acres that could be acquired the Service used a correction factor that limited the size of sections to approximately 640 acres and townships to about 24,000 acres. These totals are presented statewide in Table 6 and by refuge in Tables 7 - 22. Therefore, Readers should not try to add acres across rows in the following table for multiple selections are included.

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
AK MARITIME	009S	061W	H	0	1400	0	0
AK MARITIME	032N	023W	H	5600	0	0	0
KODIAK	031S	033W	H	735	14134	0	14
KODIAK	030S	032W	H	110	3913	0	0
KODIAK	031S	032W	H	0	9459	0	0
KENAI	004N	007W	H	80	6067	0	0
KENAI	004N	008W	H	30	4907	0	0
KENAI	005N	007W	H	0	16633	0	0
TOGIAK	019S	075W	H	0	49	0	0
KODIAK	036S	028W	H	210	6883	0	0
KENAI	005N	004W	H	0	887	0	0
NOWITNA	008S	017E	H	381	3339	3194	0
KODIAK	030S	033W	H	584	240	0	4
KENAI	002N	011W	H	0	5530	135	0
KOYUKUK	005S	006E	H	570	20940	0	0
KOYUKUK	005S	007E	H	398	22722	0	0
KODIAK	031S	034W	H	95	938	0	12
KODIAK	036S	027W	H	850	2108	0	0
KODIAK	032S	034W	H	580	2400	0	5
KENAI	006N	008W	H	0	21026	0	0
KODIAK	037S	032W	H	160	5478	0	0
KODIAK	033S	034W	H	650	0	0	15
SELAWIK	017N	010W	H	0	12720	0	0
SELAWIK	016N	011W	H	660	12050	0	0
SELAWIK	017N	011W	H	0	19429	0	0
AK MARITIME	070S	110W	H	0	307	0	0
AK MARITIME	083S	133W	H	0	100	0	0
KODIAK	037S	029W	H	0	5032	0	22
KENAI	006N	009W	H	0	22946	0	0
TOGIAK	018S	076W	H	80	1	0	0
KODIAK	037S	028W	H	0	2369	0	0
SELAWIK	014N	007W	H	1937	11402	0	0
SELAWIK	015N	007W	H	179	12645	0	0
TOGIAK	016S	075W	H	1440	159	0	170
YUKON FLATS	018N	007E	H	110	20062	0	0
IZEMBEK	056S	088W	H	0	10	0	0
IZEMBEK	057S	088W	H	0	2450	0	0
KODIAK	033S	024W	H	1436	4113	1279	0
KOYUKUK	006N	018E	H	0	6824	0	0
KOYUKUK	005S	008E	H	245	9595	0	0
YUKON FLATS	019N	007E	H	0	10105	0	0
YUKON FLATS	018N	008E	H	0	5316	0	0
ARCTIC	001S	029E	H	160	0	0	0
KENAI	001N	011W	H	0	7040	0	0
YUKON FLATS	017N	007E	H	150	4663	0	0
YUKON FLATS	017N	008E	H	35	19881	0	0
ARCTIC	029N	029E	H	0	160	0	0
KODIAK	034S	025W	H	360	8530	0	0
KODIAK	034S	026W	H	80	6772	0	0
YUKON FLATS	016N	008E	H	623	20453	0	0
YUKON FLATS	017N	009E	H	0	3931	0	0
AK PENINSULA	030S	046W	H	50	72	0	3
ARCTIC	027N	026E	H	675	5212	0	0
ARCTIC	028N	028E	H	0	160	0	0
ARCTIC	003N	031E	H	40	0	0	0
ARCTIC	004N	031E	H	80	0	0	0
KODIAK	033S	025W	H	780	3568	0	0
KODIAK	032S	033W	H	0	2550	0	0
SELAWIK	016N	007W	H	295	4825	0	0
SELAWIK	016N	010W	H	53	3650	0	0
INNOKO	011S	003E	H	0	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
KENAI	009N	007W	H	0	14687	0	0
KENAI	008N	008W	H	0	15132	0	0
KENAI	009N	008W	H	0	22377	0	0
KENAI	006N	010W	H	0	19165	0	0
YUKON DELTA	014N	091W	H	325	106	0	0
INNOKO	011S	002E	H	0	0	0	0
INNOKO	012S	002E	H	0	0	0	0
INNOKO	010S	003E	H	0	0	0	0
KODIAK	034S	033W	H	123	2405	0	14
YUKON DELTA	013N	091W	H	40	278	0	0
ARCTIC	006N	040E	H	80	0	0	0
IZEMBEK	059S	092W	H	0	5749	0	0
KODIAK	033S	023W	H	162	691	0	0
KODIAK	035S	029W	H	0	7625	0	42
KODIAK	031S	030W	H	0	12945	0	0
KOYUKUK	004S	006E	H	80	0	0	0
KOYUKUK	004S	007E	H	60	0	0	0
SELAWIK	017N	009W	H	22	2534	0	0
YUKON DELTA	008N	090W	H	40	4070	0	0
KODIAK	028S	028W	H	70	638	0	0
KODIAK	030S	028W	H	0	3458	0	26
KODIAK	032S	030W	H	0	7352	0	0
KENAI	004N	005W	H	0	10218	0	0
KOYUKUK	003S	006E	H	285	0	0	0
SELAWIK	016N	009W	H	5	583	0	0
ARCTIC	030N	030E	H	0	640	0	0
ARCTIC	007N	035E	H	40	640	0	0
KODIAK	035S	030W	H	0	8469	0	19
KODIAK	031S	031W	H	0	3837	0	0
SELAWIK	013N	002W	H	425	0	0	0
SELAWIK	014N	002W	H	790	0	0	0
SELAWIK	013N	003W	H	440	0	0	0
SELAWIK	014N	003W	H	660	0	0	0
YUKON DELTA	009N	089W	H	40	5	0	0
YUKON DELTA	010N	089W	H	0	38	0	0
YUKON DELTA	014N	090W	H	200	180	0	0
YUKON DELTA	015N	090W	H	1272	657	0	0
YUKON FLATS	025N	020E	H	320	0	0	0
ARCTIC	025N	023E	H	160	957	0	0
ARCTIC	026N	023E	H	0	160	0	0
ARCTIC	027N	025E	H	0	7805	0	0
ARCTIC	028N	025E	H	160	437	0	0
ARCTIC	027N	027E	H	65	0	0	0
ARCTIC	027N	028E	H	485	160	0	0
ARCTIC	029N	028E	H	0	160	0	0
ARCTIC	004N	036E	H	20	0	0	0
ARCTIC	005N	036E	H	20	0	0	0
KODIAK	031S	028W	H	160	6970	0	5
KODIAK	036S	031W	H	0	15241	0	23
KOYUKUK	007N	016E	H	160	0	0	11
NOWITNA	006S	021E	H	0	0	3269	0
NOWITNA	007S	021E	H	80	0	0	0
NOWITNA	006S	024E	H	0	5113	6316	0
YUKON DELTA	009N	088W	H	40	0	0	0
YUKON DELTA	008N	089W	H	160	19678	0	0
YUKON DELTA	014N	092W	H	110	635	0	0
ARCTIC	003N	033E	H	80	0	0	0
IZEMBEK	057S	090W	H	0	10	0	0
KODIAK	035S	026W	H	565	5031	0	28
KODIAK	032S	029W	H	215	3690	0	4
NOWITNA	008S	022E	H	80	0	0	0
NOWITNA	007S	023E	H	361	0	0	0
NOWITNA	008S	023E	H	114	0	0	0
YUKON DELTA	009N	087W	H	37	5035	0	0
YUKON DELTA	003N	089W	H	57	21111	0	0
YUKON DELTA	003N	090W	H	0	16862	0	0
YUKON DELTA	003N	091W	H	0	1920	0	0
YUKON DELTA	004N	091W	H	0	14738	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
ARCTIC	009N	035E	H	105	5997	0	0
INNOKO	013S	001E	H	0	0	0	0
INNOKO	013S	002E	H	0	0	0	0
INNOKO	010S	004E	H	0	0	0	0
IZEMBEK	055S	087W	H	0	26	0	0
KODIAK	028S	026W	H	76	0	0	160
KODIAK	036S	030W	H	140	2340	0	11
KOYUKUK	005N	018E	H	160	0	0	0
NOWITNA	007S	018E	H	0	2100	0	0
NOWITNA	008S	018E	H	180	13170	0	0
NOWITNA	007S	019E	H	160	10444	0	0
NOWITNA	007S	020E	H	0	17240	0	0
NOWITNA	006S	022E	H	0	0	5530	0
NOWITNA	006S	023E	H	84	0	0	0
NOWITNA	005S	024E	H	0	5841	0	0
TOGIAK	007S	061W	H	0	10	0	0
YUKON DELTA	008N	088W	H	437	1330	0	0
YUKON DELTA	010N	088W	H	190	130	0	0
YUKON DELTA	015N	092W	H	1115	7528	0	0
YUKON FLATS	025N	019E	H	240	0	0	0
ARCTIC	001N	031E	H	20	0	0	0
ARCTIC	001N	032E	H	20	0	0	0
ARCTIC	002N	032E	H	115	0	0	0
ARCTIC	001S	035E	H	40	0	0	0
KODIAK	027S	024W	H	246	539	1589	0
KODIAK	032S	028W	H	0	3831	0	9
KENAI	010N	004W	H	0	5501	0	0
KENAI	011N	006W	H	0	4696	0	0
KENAI	004N	010W	H	0	6916	0	0
NOWITNA	006S	020E	H	0	145	0	0
NOWITNA	008S	020E	H	0	0	10219	0
NOWITNA	012S	024E	H	80	0	0	0
NOWITNA	005S	025E	H	0	12195	0	0
YUKON DELTA	013N	090W	H	0	340	0	0
YUKON DELTA	018N	091W	H	0	18499	0	0
YUKON DELTA	018N	092W	H	660	14260	0	0
YUKON DELTA	018N	093W	H	0	7000	0	0
YUKON FLATS	016N	009E	H	1203	16940	0	0
YUKON FLATS	016N	010E	H	520	19599	0	0
YUKON FLATS	016N	011E	H	40	21616	0	0
YUKON FLATS	025N	021E	H	280	0	0	0
ARCTIC	001N	030E	H	80	0	0	0
ARCTIC	002N	030E	H	40	0	0	0
ARCTIC	001N	033E	H	160	0	0	0
ARCTIC	008N	037E	H	145	0	0	0
ARCTIC	001S	031E	H	80	0	0	0
ARCTIC	002S	031E	H	40	0	0	0
ARCTIC	003S	031E	H	120	0	0	0
INNOKO	008S	004E	H	0	0	0	0
INNOKO	009S	004E	H	0	0	0	0
INNOKO	007S	005E	H	0	0	0	0
INNOKO	008S	005E	H	0	0	0	0
INNOKO	009S	005E	H	0	0	0	0
KODIAK	033S	028W	H	210	355	0	0
KENAI	011N	007W	H	0	0	640	0
KENAI	008N	009W	H	0	14592	0	0
KENAI	009N	009W	H	0	7360	0	0
KENAI	008N	010W	H	50	5585	0	0
KENAI	001S	008W	H	0	5509	0	10
KOYUKUK	002N	010E	H	40	18256	0	0
SELAWIK	013N	002E	H	40	0	0	0
SELAWIK	012N	007W	H	867	7333	0	0
SELAWIK	013N	007W	H	900	8383	0	0
YUKON DELTA	001N	087W	H	570	11601	0	0
YUKON DELTA	010N	087W	H	780	19232	0	0
YUKON DELTA	003N	088W	H	374	7206	0	0
YUKON DELTA	011N	088W	H	0	3975	0	0
YUKON DELTA	011N	089W	H	0	3321	0	0
YUKON DELTA	004N	090W	H	1405	19393	0	0
YUKON DELTA	005N	090W	H	50	1185	0	0
YUKON DELTA	016N	090W	H	1282	4147	0	0
YUKON DELTA	015N	091W	H	625	4648	0	0
YUKON DELTA	016N	091W	H	976	1810	0	0
ARCTIC	002N	031E	H	45	0	0	0
ARCTIC	005N	032E	H	160	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
IZEMBEK	058S	089W	H	0	1873	0	0
IZEMBEK	058S	090W	H	0	100	0	0
KODIAK	028S	029W	H	208	0	0	0
KODIAK	033S	035W	H	10	167	0	5
YUKON DELTA	009N	086W	H	70	471	0	0
YUKON DELTA	012N	088W	H	0	3	0	0
YUKON DELTA	004N	089W	H	1946	17163	0	0
YUKON DELTA	005N	089W	H	385	15538	0	0
YUKON DELTA	012N	089W	H	0	7825	0	0
YUKON DELTA	013N	089W	H	0	60	0	0
YUKON DELTA	014N	089W	H	210	136	0	0
YUKON DELTA	018N	089W	H	300	18198	0	0
YUKON DELTA	019N	089W	H	320	7137	0	0
YUKON DELTA	018N	090W	H	120	16570	0	0
YUKON DELTA	019N	090W	H	279	8999	0	0
YUKON DELTA	011N	091W	H	0	5	0	0
YUKON DELTA	012N	091W	H	0	25	0	0
YUKON DELTA	019N	091W	H	120	7735	0	0
YUKON DELTA	016N	092W	H	365	12642	0	0
YUKON DELTA	015N	093W	H	170	2196	0	0
YUKON DELTA	001S	088W	H	160	177	0	0
YUKON FLATS	015N	009E	H	0	22073	0	0
YUKON FLATS	015N	010E	H	160	22016	0	0
YUKON FLATS	015N	011E	H	80	21913	0	0
ARCTIC	008N	032E	H	0	5948	0	0
ARCTIC	008N	033E	H	120	6339	0	0
KODIAK	030S	030W	H	426	3971	0	0
KODIAK	032S	032W	H	0	6095	0	0
KOYUKUK	002N	009E	H	470	0	0	0
TOGIAK	014S	063W	H	0	46	0	0
YUKON DELTA	028N	085W	H	1039	8900	0	0
YUKON DELTA	001N	088W	H	0	1815	0	0
YUKON DELTA	002N	088W	H	331	13181	0	0
ARCTIC	026N	024E	H	160	160	0	0
ARCTIC	007N	039E	H	995	0	0	0
ARCTIC	009S	016E	H	0	5599	0	0
KODIAK	027S	028W	H	0	0	0	5
KODIAK	030S	031W	H	0	3200	0	0
KODIAK	036S	032W	H	20	7954	0	9
KENAI	001N	009W	H	0	486	0	49
KOYUKUK	001N	006E	H	333	640	0	0
KOYUKUK	001N	007E	H	433	0	0	0
SELAWIK	013N	003E	H	280	0	0	0
SELAWIK	012N	006W	H	485	8080	0	0
SELAWIK	013N	006W	H	1185	7850	0	0
SELAWIK	014N	006W	H	825	10720	0	0
SELAWIK	014N	008W	H	665	4546	0	0
YUKON DELTA	029N	084W	H	335	2270	0	0
YUKON DELTA	011N	087W	H	120	9121	0	0
YUKON DELTA	012N	087W	H	40	5	0	0
YUKON DELTA	004N	088W	H	210	2980	0	0
YUKON FLATS	024N	018E	H	160	0	0	0
YUKON FLATS	021N	022E	H	535	0	0	0
YUKON FLATS	021N	023E	H	175	0	0	0
AK PENINSULA	057S	089W	H	0	0	1280	5
ARCTIC	009S	015E	H	160	2558	0	10
KODIAK	035S	031W	H	179	3029	0	36
KENAI	009N	004W	H	0	4572	0	5
KENAI	009N	005W	H	0	1280	0	0
KOYUKUK	001N	008E	H	75	0	0	0
KOYUKUK	001N	011E	H	240	0	0	0
KOYUKUK	001S	011E	H	320	1280	0	0
NOWITNA	004N	027W	H	318	4453	3975	0
NOWITNA	004S	027E	H	80	0	12059	10
NOWITNA	004S	028E	H	0	0	16186	0
SELAWIK	012N	008E	H	0	11113	0	0
TETLIN	014N	019E	H	2965	19220	320	692
TOGIAK	018S	075W	H	0	21	0	0
YUKON DELTA	028S	031W	H	1593	40	0	0
YUKON DELTA	028S	032W	H	10	0	0	0
YUKON DELTA	029S	032W	H	50	0	0	0
YUKON DELTA	006N	073W	H	145	7959	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	007N	073W	H	318	8806	0	0
YUKON DELTA	006N	074W	H	0	15980	0	0
YUKON DELTA	007N	074W	H	600	19730	0	0
YUKON DELTA	033N	081W	H	245	22935	0	0
YUKON DELTA	034N	081W	H	15	0	0	0
YUKON DELTA	033N	082W	H	390	4765	0	0
YUKON DELTA	030N	083W	H	775	14733	0	0
YUKON DELTA	031N	083W	H	1492	13380	0	0
YUKON DELTA	032N	083W	H	498	11005	0	0
YUKON DELTA	030N	084W	H	0	60	0	0
YUKON DELTA	001N	086W	H	519	17018	0	1
YUKON DELTA	026N	086W	H	806	20260	0	0
YUKON DELTA	027N	086W	H	178	2462	0	0
YUKON DELTA	026N	087W	H	630	165	0	0
YUKON DELTA	017N	090W	H	1666	20567	0	0
YUKON DELTA	017N	091W	H	765	21029	0	0
YUKON DELTA	004S	083W	H	360	5102	0	0
YUKON DELTA	004S	084W	H	111	13565	0	0
YUKON DELTA	004S	085W	H	393	14510	0	0
YUKON DELTA	002S	086W	H	1086	11038	0	0
YUKON DELTA	003S	086W	H	1399	15205	0	0
YUKON DELTA	004S	086W	H	185	8450	0	0
YUKON DELTA	001S	087W	H	1540	841	0	0
YUKON DELTA	002S	087W	H	221	772	0	0
YUKON DELTA	003S	087W	H	329	6343	0	0
YUKON DELTA	004S	087W	H	0	377	0	0
YUKON FLATS	013N	007W	H	5	13568	0	0
YUKON FLATS	014N	007W	H	795	21110	27	0
YUKON FLATS	013N	008W	H	120	16495	3840	0
YUKON FLATS	014N	008W	H	548	20592	0	0
AK PENINSULA	057S	088W	H	0	229	0	0
AK PENINSULA	058S	088W	H	0	9324	0	0
AK PENINSULA	059S	088W	H	0	3222	0	0
AK PENINSULA	058S	089W	H	0	390	250	0
ARCTIC	006N	039E	H	40	0	0	0
ARCTIC	004N	043E	H	80	0	0	0
ARCTIC	001S	025E	H	0	0	270	0
KODIAK	029S	028W	H	160	0	0	0
KENAI	010N	005W	H	0	1530	0	0
KOYUKUK	001N	012E	H	330	0	22366	0
KOYUKUK	002N	012E	H	875	21561	0	0
KOYUKUK	007N	013E	H	50	20617	0	0
SELAWIK	014N	012W	H	738	7689	0	0
TETLIN	016N	016E	H	0	3601	0	0
TETLIN	014N	017E	H	160	9657	0	0
TETLIN	015N	017E	H	0	17924	0	0
TETLIN	016N	017E	H	239	5935	0	14
TETLIN	015N	018E	H	400	7751	0	0
TETLIN	016N	018E	H	0	1188	0	5
TOGIAK	012S	059W	H	1555	14212	0	0
TOGIAK	012S	060W	H	1399	12090	0	0
TOGIAK	008S	067W	H	110	0	0	0
TOGIAK	016S	072W	H	570	800	0	0
TOGIAK	015S	074W	H	200	6	0	0
TOGIAK	016S	074W	H	210	1	0	0
TOGIAK	015S	075W	H	120	17	0	491
YUKON DELTA	005N	073W	H	0	14071	0	0
YUKON DELTA	005N	074W	H	160	13253	0	0
YUKON DELTA	028N	084W	H	2681	20135	0	0
YUKON DELTA	002N	087W	H	220	8870	0	0
YUKON DELTA	015N	088W	H	300	345	0	0
YUKON DELTA	015N	089W	H	102	47	0	0
YUKON DELTA	016N	089W	H	482	8568	0	0
YUKON DELTA	024N	089W	H	628	140	0	0
YUKON DELTA	022N	090W	H	0	4705	0	0
YUKON DELTA	023N	090W	H	0	20	0	0
YUKON DELTA	002S	077W	H	251	4859	0	0
YUKON DELTA	002S	078W	H	724	13481	0	0
AK MARITIME	071S	110W	H	0	345	0	0
ARCTIC	007N	038E	H	40	0	0	0
INNOKO	009S	003E	H	0	0	0	0
IZEMBEK	055S	086W	H	0	24	0	0
IZEMBEK	057S	087W	H	0	1558	0	0
KODIAK	027S	026W	H	0	0	0	5
KODIAK	038S	030W	H	160	255	0	0
KODIAK	037S	031W	H	170	1649	50	14
KENAI	005N	005W	H	0	12154	0	0
KENAI	004N	006W	H	0	7405	0	0
KOYUKUK	001N	009E	H	120	0	0	0
KOYUKUK	007N	014E	H	0	14929	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
NOWITNA	004S	025E	H	0	624	0	0
NOWITNA	004S	026E	H	0	8658	0	0
NOWITNA	005S	026E	H	0	5510	3157	0
SELAWIK	013N	006E	H	400	0	0	0
TETLIN	017N	017E	H	229	0	0	0
YUKON DELTA	026S	027W	H	80	8090	0	0
YUKON DELTA	026S	028W	H	40	8329	0	0
YUKON DELTA	004N	074W	H	40	14720	0	0
YUKON DELTA	001N	075W	H	300	11910	0	0
YUKON DELTA	002N	075W	H	597	7700	0	0
YUKON DELTA	004N	075W	H	0	12835	0	0
YUKON DELTA	033N	079W	H	160	23005	0	0
YUKON DELTA	034N	079W	H	200	3419	0	0
YUKON DELTA	010N	086W	H	420	0	0	0
YUKON DELTA	002S	075W	H	420	80	0	0
YUKON DELTA	003S	078W	H	0	42	0	0
YUKON DELTA	002S	079W	H	1037	19699	0	0
YUKON DELTA	003S	079W	H	635	5382	0	0
YUKON DELTA	003S	080W	H	3300	12210	0	0
YUKON DELTA	004S	080W	H	165	191	0	0
YUKON DELTA	003S	081W	H	2606	13906	0	0
YUKON DELTA	004S	081W	H	1531	3978	0	0
YUKON DELTA	004S	082W	H	0	7643	0	0
YUKON FLATS	023N	018E	H	130	12201	0	0
YUKON FLATS	023N	019E	H	0	21814	0	0
YUKON FLATS	024N	019E	H	160	0	0	0
YUKON FLATS	023N	020E	H	0	18504	0	0
KENAI	006N	007W	H	0	9531	0	0
KENAI	007N	007W	H	0	19685	0	0
KENAI	001N	008W	H	0	1855	0	0
SELAWIK	012N	010E	H	20	0	0	0
SELAWIK	012N	002W	H	480	0	0	0
TOGIAK	015S	061W	H	0	4466	0	0
TOGIAK	015S	062W	H	393	15	0	0
TOGIAK	015S	063W	H	3	8	0	0
TOGIAK	015S	065W	H	810	4846	0	0
YUKON DELTA	026S	026W	H	0	40	0	0
YUKON DELTA	027S	026W	H	0	2452	0	0
YUKON DELTA	027S	027W	H	0	10240	0	0
YUKON DELTA	028S	030W	H	565	35	0	0
YUKON DELTA	029S	030W	H	161	0	0	0
YUKON DELTA	027S	031W	H	338	0	0	0
YUKON DELTA	029S	031W	H	50	0	0	0
YUKON DELTA	003N	075W	H	80	4520	0	0
YUKON DELTA	002N	076W	H	150	1341	0	0
YUKON DELTA	003N	076W	H	60	633	0	0
YUKON DELTA	032N	080W	H	510	22806	0	0
YUKON DELTA	033N	080W	H	40	23005	0	0
YUKON DELTA	034N	080W	H	0	3630	0	0
YUKON DELTA	031N	081W	H	1259	21812	0	0
YUKON DELTA	032N	081W	H	80	22806	0	0
YUKON DELTA	030N	082W	H	725	21008	0	85
YUKON DELTA	031N	082W	H	925	22872	0	0
YUKON DELTA	032N	082W	H	120	22806	0	0
YUKON DELTA	029N	083W	H	1205	15539	0	0
YUKON DELTA	027N	084W	H	499	13356	0	0
YUKON DELTA	005N	088W	H	1885	15423	0	0
YUKON DELTA	001S	077W	H	120	103	0	0
YUKON DELTA	002S	083W	H	550	13436	0	0
YUKON DELTA	003S	083W	H	240	6071	0	0
YUKON DELTA	001S	084W	H	680	19906	0	0
YUKON DELTA	002S	084W	H	1705	17720	0	0
YUKON DELTA	003S	084W	H	1210	16334	0	0
YUKON DELTA	001S	085W	H	440	5724	0	0
YUKON DELTA	002S	085W	H	1230	17723	0	0
YUKON DELTA	003S	085W	H	1198	15595	0	0
YUKON DELTA	001S	086W	H	1586	2244	0	0
YUKON FLATS	025N	018E	H	80	0	0	0
YUKON FLATS	020N	024E	H	200	0	0	0
YUKON FLATS	015N	005W	H	160	22214	0	0
BECHAROF	019S	044W	H	0	5725	0	0
BECHAROF	024S	046W	H	99	0	0	0
BECHAROF	025S	046W	H	0	10	1890	70
IZEMBEK	059S	093W	H	0	375	0	0
KODIAK	034S	031W	H	0	150	0	0
KENAI	010N	007W	H	0	1255	0	0
KENAI	007N	008W	H	0	19073	0	0
KENAI	010N	008W	H	0	3200	0	0
KENAI	002N	009W	H	0	1275	0	0
KOYUKUK	003N	011E	H	145	3200	0	0
KOYUKUK	004N	011E	H	975	11376	0	0
KOYUKUK	006N	011E	H	480	10819	0	0
KOYUKUK	003N	012E	H	490	16449	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
KOYUKUK	004N	012E	H	620	22740	0	1
KOYUKUK	003N	013E	H	180	12828	0	0
KOYUKUK	004N	013E	H	300	5040	0	0
KOYUKUK	007N	015E	H	640	10900	0	0
KOYUKUK	001S	006E	H	170	160	0	0
NOWITNA	003S	028E	H	0	130	130	0
SELAWIK	013N	007E	H	10	0	0	5
SELAWIK	012N	011E	H	0	14445	0	0
SELAWIK	014N	004W	H	475	14024	0	0
TOGIAK	007S	062W	H	160	0	0	0
TOGIAK	008S	062W	H	190	10	0	0
TOGIAK	009S	062W	H	520	0	0	0
TOGIAK	009S	063W	H	1505	40	0	0
TOGIAK	009S	064W	H	1888	10	0	0
TOGIAK	009S	065W	H	590	20	0	0
TOGIAK	010S	065W	H	840	0	0	0
TOGIAK	011S	065W	H	1519	22937	0	0
TOGIAK	012S	065W	H	480	22356	0	0
TOGIAK	011S	066W	H	0	22938	0	0
TOGIAK	012S	066W	H	2467	21596	0	0
TOGIAK	013S	066W	H	355	17529	0	0
TOGIAK	013S	067W	H	355	3258	0	0
YUKON DELTA	027S	029W	H	40	0	0	0
YUKON DELTA	005N	075W	H	120	10	0	0
YUKON DELTA	006N	075W	H	0	1920	0	0
YUKON DELTA	001N	076W	H	40	1324	0	0
YUKON DELTA	004N	076W	H	525	12679	0	0
YUKON DELTA	001N	077W	H	80	8746	0	0
YUKON DELTA	002N	077W	H	469	11431	0	0
YUKON DELTA	033N	078W	H	635	15602	0	0
YUKON DELTA	029N	079W	H	50	0	0	0
YUKON DELTA	030N	079W	H	235	5844	0	0
YUKON DELTA	031N	079W	H	435	9900	0	0
YUKON DELTA	032N	079W	H	170	13206	0	0
YUKON DELTA	029N	080W	H	318	14570	0	0
YUKON DELTA	030N	080W	H	600	18696	0	0
YUKON DELTA	031N	080W	H	323	22594	0	0
YUKON DELTA	029N	081W	H	1077	22366	0	0
YUKON DELTA	030N	081W	H	574	22289	0	80
YUKON DELTA	028N	082W	H	330	4357	0	0
YUKON DELTA	029N	082W	H	515	22131	0	0
YUKON DELTA	027N	083W	H	83	1470	0	0
YUKON DELTA	028N	083W	H	539	18004	0	0
YUKON DELTA	025N	085W	H	210	124	0	0
YUKON DELTA	026N	085W	H	90	22345	0	0
YUKON DELTA	006N	086W	H	2507	2722	0	0
YUKON DELTA	007N	086W	H	2645	6087	0	0
YUKON DELTA	025N	086W	H	150	10	0	0
YUKON DELTA	005N	087W	H	160	13580	0	0
YUKON DELTA	006N	087W	H	650	8200	0	0
YUKON DELTA	008N	087W	H	280	755	0	0
YUKON DELTA	017N	089W	H	1433	5993	0	0
YUKON DELTA	021N	089W	H	10	16311	0	0
YUKON DELTA	020N	090W	H	0	4095	0	0
YUKON FLATS	019N	005E	H	280	0	0	0
YUKON FLATS	019N	006E	H	160	0	0	0
YUKON FLATS	020N	006E	H	20	0	0	0
YUKON FLATS	014N	008E	H	142	0	0	0
YUKON FLATS	015N	008E	H	80	22052	0	0
YUKON FLATS	014N	009E	H	18	0	0	0
YUKON FLATS	021N	018E	H	215	11520	0	0
YUKON FLATS	022N	018E	H	80	11215	0	0
YUKON FLATS	016N	005W	H	80	6595	0	0
INNOKO	012S	003E	H	0	0	0	0
INNOKO	013S	003E	H	0	0	0	0
IZEMBEK	058S	092W	H	0	10	0	0
KODIAK	034S	024W	H	840	1588	0	0
KODIAK	035S	032W	H	0	1250	0	0
KOYUKUK	006N	007E	H	160	0	0	0
KOYUKUK	005N	011E	H	95	7658	0	0
KOYUKUK	005N	012E	H	760	17920	0	0
KOYUKUK	006N	012E	H	345	22009	0	0
KOYUKUK	002N	013E	H	130	776	0	0
KOYUKUK	005N	013E	H	0	13826	0	0
KOYUKUK	006N	013E	H	0	1001	1266	0
KOYUKUK	002S	006E	H	220	0	0	0
KOYUKUK	005S	009E	H	285	0	0	0
SELAWIK	013N	004W	H	295	15871	0	0
SELAWIK	017N	012W	H	200	9381	0	0
SELAWIK	014N	014W	H	0	5903	0	0
SELAWIK	015N	014W	H	228	5195	0	0
SELAWIK	016N	014W	H	0	2839	0	0
SELAWIK	017N	014W	H	152	6944	0	0
SELAWIK	018N	014W	H	320	2899	0	0
SELAWIK	015N	015W	H	0	3557	0	0
SELAWIK	016N	015W	H	0	5371	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
TETLIN	013N	018E	H	168	40	0	0
TETLIN	014N	018E	H	837	22835	0	5
TETLIN	015N	019E	H	561	2381	0	0
TOGIAK	018S	058W	H	558	16942	0	0
YUKON DELTA	028S	026W	H	60	10190	0	0
YUKON DELTA	028S	027W	H	360	11483	0	0
YUKON DELTA	029S	027W	H	0	1686	0	0
YUKON DELTA	028S	028W	H	40	3	0	0
YUKON DELTA	028S	029W	H	215	45	0	0
YUKON DELTA	029S	029W	H	80	0	0	0
YUKON DELTA	001N	073W	H	482	2533	0	0
YUKON DELTA	001N	074W	H	978	21795	0	0
YUKON DELTA	003N	077W	H	348	19020	0	0
YUKON DELTA	034N	077W	H	0	40	0	0
YUKON DELTA	002N	078W	H	0	2933	0	0
YUKON DELTA	034N	078W	H	0	1691	0	0
YUKON DELTA	001N	085W	H	306	0	0	0
YUKON DELTA	005N	086W	H	120	79	0	0
YUKON DELTA	011N	086W	H	200	3940	0	0
YUKON DELTA	003N	087W	H	179	6490	0	0
YUKON DELTA	004N	087W	H	231	2011	0	0
YUKON DELTA	024N	087W	H	120	120	0	0
YUKON DELTA	024N	088W	H	355	110	0	0
YUKON DELTA	023N	089W	H	0	75	0	0
YUKON DELTA	021N	090W	H	0	2040	0	0
YUKON DELTA	017N	093W	H	130	15855	385	0
YUKON DELTA	016N	094W	H	0	950	50	0
YUKON DELTA	001S	075W	H	301	9989	0	0
YUKON DELTA	001S	080W	H	321	12839	0	0
YUKON DELTA	002S	080W	H	1745	15203	0	0
YUKON DELTA	001S	081W	H	80	16347	0	0
YUKON DELTA	002S	081W	H	402	12097	0	0
YUKON DELTA	002S	082W	H	812	13345	0	0
YUKON DELTA	003S	082W	H	0	10843	0	0
YUKON DELTA	001S	083W	H	250	19911	0	0
YUKON FLATS	021N	019E	H	546	22360	0	0
YUKON FLATS	022N	019E	H	640	19746	0	0
YUKON FLATS	021N	021E	H	0	13060	0	0
YUKON FLATS	014N	005W	H	90	2491	0	0
AK PENINSULA	032S	049W	H	0	632	0	0
AK PENINSULA	032S	050W	H	79	17893	0	0
ARCTIC	009N	024E	H	0	0	164	0
ARCTIC	009N	025E	H	10	0	0	0
ARCTIC	008N	027E	H	80	0	0	0
INNOKO	024S	003W	H	0	0	0	0
INNOKO	012S	004E	H	0	0	0	0
INNOKO	011S	005E	H	0	0	0	0
INNOKO	012S	005E	H	0	0	0	0
INNOKO	012S	006E	H	0	0	0	0
KODIAK	037S	027W	H	160	135	0	0
KENAI	005N	006W	H	0	11505	0	0
KENAI	007N	006W	H	0	5650	0	0
KENAI	007N	009W	H	0	14720	0	0
KENAI	007N	010W	H	0	5120	0	0
KOYUKUK	006N	010E	H	0	7092	0	0
KOYUKUK	007N	011E	H	0	0	2559	0
KOYUKUK	007N	012E	H	230	160	0	0
NOWITNA	005S	028E	H	0	0	3129	0
SELAWIK	015N	001W	H	160	0	0	0
SELAWIK	018N	010W	H	0	1953	0	0
TETLIN	013N	019E	H	106	6969	0	0
TETLIN	013N	020E	H	0	1261	0	0
TETLIN	014N	020E	H	111	2116	140	20
TETLIN	010N	023E	H	309	200	0	138
TOGIAK	014S	057W	H	0	21198	22878	0
TOGIAK	015S	057W	H	100	17482	0	0
TOGIAK	016S	057W	H	0	9106	7539	0
TOGIAK	013S	058W	H	0	22340	0	48
TOGIAK	014S	058W	H	525	22878	0	0
TOGIAK	015S	058W	H	0	22935	0	0
TOGIAK	016S	058W	H	835	22256	3054	45
TOGIAK	017S	058W	H	770	11446	4772	9
TOGIAK	013S	059W	H	1082	22415	0	0
TOGIAK	014S	059W	H	149	22878	0	0
TOGIAK	015S	059W	H	80	22935	0	0
TOGIAK	016S	059W	H	0	19229	11489	0
TOGIAK	013S	060W	H	1111	13116	0	0
TOGIAK	014S	060W	H	0	4476	0	0
TOGIAK	015S	060W	H	155	19149	0	0
TOGIAK	016S	060W	H	0	22993	0	0
TOGIAK	012S	061W	H	160	0	1919	0
TOGIAK	013S	061W	H	320	14575	17694	0
TOGIAK	016S	061W	H	0	8726	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	002N	074W	H	611	8818	0	0
YUKON DELTA	004N	077W	H	120	1196	0	0
YUKON DELTA	003N	078W	H	0	1217	0	0
YUKON DELTA	027N	085W	H	70	15730	0	0
YUKON DELTA	024N	086W	H	120	170	0	0
YUKON DELTA	017N	087W	H	0	7730	0	0
YUKON DELTA	014N	088W	H	40	55	0	0
YUKON DELTA	016N	088W	H	490	135	0	0
YUKON DELTA	017N	092W	H	250	16749	0	0
YUKON DELTA	016N	093W	H	0	540	0	0
YUKON DELTA	002S	074W	H	400	40	0	0
YUKON DELTA	003S	074W	H	375	22951	0	0
YUKON DELTA	004S	074W	H	418	8951	0	0
YUKON DELTA	003S	075W	H	400	2180	0	0
YUKON DELTA	001S	082W	H	275	17557	0	0
YUKON FLATS	018N	004E	H	0	12373	0	0
YUKON FLATS	020N	005E	H	60	0	0	0
YUKON FLATS	020N	007E	H	140	0	0	0
YUKON FLATS	021N	007E	H	160	0	0	0
YUKON FLATS	020N	008E	H	100	0	0	0
YUKON FLATS	021N	008E	H	350	0	0	0
YUKON FLATS	020N	009E	H	400	11917	0	0
YUKON FLATS	021N	020E	H	0	3070	0	0
YUKON FLATS	022N	020E	H	160	10186	0	0
YUKON FLATS	014N	006W	H	230	20831	0	0
YUKON FLATS	016N	006W	H	270	22612	0	0
ARCTIC	009N	033E	H	127	3145	0	0
ARCTIC	008N	034E	H	100	1220	0	0
INNOKO	012S	001E	H	0	0	0	0
INNOKO	007S	007E	H	0	0	0	0
INNOKO	008S	007E	H	0	0	0	0
INNOKO	007S	008E	H	0	0	0	0
INNOKO	008S	008E	H	0	0	0	0
INNOKO	008S	009E	H	0	0	0	0
KODIAK	031S	029W	H	0	2020	0	0
KOYUKUK	006N	009E	H	2	0	0	0
KOYUKUK	002N	014E	H	30	4081	0	0
KOYUKUK	006N	014E	H	160	0	0	0
KOYUKUK	001S	012E	H	160	0	0	0
NOWITNA	005S	027E	H	0	0	1871	0
SELAWIK	012N	001E	H	0	640	0	0
SELAWIK	012N	001W	H	320	0	0	0
SELAWIK	018N	011W	H	0	1705	0	0
SELAWIK	013N	012W	H	170	5305	5305	0
SELAWIK	013N	013W	H	388	6173	0	0
SELAWIK	014N	013W	H	227	7757	0	0
TETLIN	013N	017E	H	0	1129	0	0
TOGIAK	003S	063W	H	160	0	0	0
YUKON DELTA	014N	087W	H	80	30	0	0
YUKON DELTA	022N	087W	H	1210	110	0	0
YUKON DELTA	021N	088W	H	129	18801	0	0
YUKON DELTA	022N	088W	H	435	2750	0	0
YUKON DELTA	020N	089W	H	621	11772	0	0
YUKON DELTA	022N	089W	H	530	130	0	0
YUKON FLATS	026N	020E	H	40	0	0	0
YUKON FLATS	015N	006W	H	160	14559	0	0
YUKON FLATS	015N	007W	H	0	21615	0	0
YUKON FLATS	013N	009W	H	40	2150	0	0
YUKON FLATS	014N	009W	H	0	13005	0	0
ARCTIC	008N	036E	H	0	2984	0	0
ARCTIC	004N	045E	H	80	0	0	0
INNOKO	025S	005W	H	0	0	0	0
IZEMBEK	058S	091W	H	0	20	0	0
KANUTI	016N	021W	H	15	7971	0	0
KODIAK	035S	027W	H	275	910	0	0
KENAI	008N	005W	H	0	13166	0	0
KENAI	008N	006W	H	0	6400	0	0
KOYUKUK	005N	019E	H	160	0	0	0
KOYUKUK	005N	020E	H	120	0	0	0
TOGIAK	013S	056W	H	952	17065	0	0
TOGIAK	014S	056W	H	0	12647	0	0
TOGIAK	015S	056W	H	0	621	0	0
TOGIAK	013S	057W	H	0	22821	0	0
TOGIAK	020S	057W	H	0	2893	0	0
TOGIAK	020S	058W	H	160	5625	0	0
TOGIAK	020S	059W	H	0	510	0	0
TOGIAK	014S	062W	H	343	8	0	0
TOGIAK	005S	069W	H	160	36	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	018N	086W	H	0	10983	0	0
YUKON DELTA	007N	087W	H	0	640	0	0
YUKON DELTA	021N	087W	H	543	18374	0	0
YUKON DELTA	020N	088W	H	700	16805	0	0
YUKON DELTA	002S	073W	H	310	0	0	0
YUKON DELTA	001S	074W	H	0	140	0	0
YUKON FLATS	018N	003E	H	410	17039	0	0
YUKON FLATS	019N	003E	H	78	12231	0	0
YUKON FLATS	019N	004E	H	440	17353	0	0
YUKON FLATS	020N	004E	H	0	10741	0	0
YUKON FLATS	021N	009E	H	725	7871	0	0
YUKON FLATS	020N	010E	H	240	13380	0	0
YUKON FLATS	021N	010E	H	871	11691	0	0
YUKON FLATS	020N	011E	H	781	14874	0	2
YUKON FLATS	021N	011E	H	1905	8179	0	0
YUKON FLATS	016N	007W	H	55	22767	0	0
YUKON FLATS	012N	008W	H	610	5622	1188	0
YUKON FLATS	015N	008W	H	240	19855	0	0
ARCTIC	008N	035E	H	0	1919	0	0
ARCTIC	007N	036E	H	0	15882	0	0
ARCTIC	007N	037E	H	40	0	0	0
INNOKO	026S	001W	H	0	0	0	0
INNOKO	022S	003W	H	0	0	0	0
INNOKO	025S	003W	H	0	0	0	0
INNOKO	021S	004W	H	0	0	0	0
INNOKO	023S	004W	H	0	0	0	0
INNOKO	024S	004W	H	0	0	0	0
INNOKO	024S	005W	H	0	0	0	0
INNOKO	026S	005W	H	0	0	0	0
INNOKO	027S	005W	H	0	0	0	0
INNOKO	028S	005W	H	0	0	0	0
INNOKO	029S	005W	H	0	0	0	0
INNOKO	027S	006W	H	0	0	0	0
INNOKO	028S	006W	H	0	0	0	0
INNOKO	029S	006W	H	0	0	0	0
INNOKO	009S	008E	H	0	0	0	0
INNOKO	009S	009E	H	0	0	0	0
INNOKO	033N	054W	H	0	0	0	0
INNOKO	034N	054W	H	0	0	0	0
INNOKO	034N	055W	H	0	0	0	0
INNOKO	033N	056W	H	0	0	0	0
INNOKO	034N	056W	H	0	0	0	0
INNOKO	032N	057W	H	0	0	0	0
INNOKO	032N	058W	H	0	0	0	0
KANUTI	017N	022W	H	77	0	0	0
KENAI	007N	005W	H	0	3815	0	0
KENAI	008N	007W	H	0	7585	0	0
KENAI	003S	009W	H	0	1505	0	0
KOYUKUK	004N	014E	H	0	8732	0	0
KOYUKUK	005N	021E	H	365	0	0	0
KOYUKUK	002S	012E	H	80	0	0	0
NOWITNA	014S	025E	H	80	0	0	0
SELAWIK	011N	003W	H	80	0	0	0
SELAWIK	013N	005W	H	440	8433	0	0
SELAWIK	016N	012W	H	0	5655	0	0
TOGIAK	019S	057W	H	80	2422	0	0
TOGIAK	008S	061W	H	160	0	0	0
TOGIAK	014S	061W	H	0	3758	0	0
TOGIAK	004S	070W	H	181	0	0	0
TOGIAK	011S	070W	H	0	60	0	0
TOGIAK	004S	071W	H	1080	40	0	0
TOGIAK	004S	072W	H	880	9594	0	0
TOGIAK	006S	072W	H	80	3773	0	0
TOGIAK	004S	073W	H	335	3839	0	0
TOGIAK	005S	073W	H	255	11283	0	0
TOGIAK	006S	073W	H	0	13381	0	0
TOGIAK	005S	074W	H	1089	9613	0	0
YUKON DELTA	001N	083W	H	103	15404	0	0
YUKON DELTA	001N	084W	H	180	19	0	0
YUKON DELTA	002N	084W	H	40	0	0	0
YUKON DELTA	017N	085W	H	40	4180	0	0
YUKON DELTA	018N	085W	H	35	2528	0	0
YUKON DELTA	017N	086W	H	326	15855	0	0
YUKON DELTA	022N	086W	H	120	4054	0	0
YUKON DELTA	023N	086W	H	120	7205	0	0
YUKON FLATS	019N	011E	H	0	1220	0	0
YUKON FLATS	016N	008W	H	155	20097	0	0
YUKON FLATS	016N	009W	H	0	15998	0	0
AK PENINSULA	028S	044W	H	0	652	204	0
ARCTIC	012S	026E	H	160	160	0	0
ARCTIC	012S	027E	H	20	160	0	0
ARCTIC	012S	028E	H	140	0	0	0
ARCTIC	013S	029E	H	240	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
BECHAROF	028S	042W	H	0	2560	0	5
INNOKO	027S	001W	H	0	0	0	0
INNOKO	028S	003W	H	0	0	0	0
INNOKO	027S	004W	H	0	0	0	0
INNOKO	028S	004W	H	0	0	0	0
INNOKO	007S	006E	H	0	0	0	0
INNOKO	008S	006E	H	0	0	0	0
INNOKO	010S	006E	H	0	0	0	0
INNOKO	021S	007E	H	0	0	0	0
INNOKO	022S	008E	H	0	0	0	0
INNOKO	032N	053W	H	0	0	0	0
INNOKO	033N	053W	H	0	0	0	0
INNOKO	032N	054W	H	0	0	0	0
KANUTI	018N	020W	H	100	0	0	0
KANUTI	018N	021W	H	199	0	0	0
KANUTI	018N	022W	H	50	8730	0	0
KODIAK	036S	029W	H	0	575	0	0
KENAI	002S	008W	H	0	1880	0	0
KOYUKUK	005N	010E	H	0	640	0	0
KOYUKUK	001N	013E	H	320	160	0	0
KOYUKUK	008N	013E	H	0	3199	0	0
KOYUKUK	005S	005E	H	0	3200	0	0
KOYUKUK	007S	010E	H	0	1772	0	0
NOWITNA	011S	021E	H	80	0	0	0
SELAWIK	014N	001W	H	10	0	0	0
SELAWIK	014N	005W	H	863	10417	0	0
SELAWIK	011N	006W	H	0	6852	0	0
YUKON DELTA	003N	074W	H	40	8263	0	0
YUKON DELTA	008N	074W	H	3515	22199	0	0
YUKON DELTA	009N	074W	H	1961	21479	0	0
YUKON DELTA	010N	074W	H	891	22327	0	0
YUKON DELTA	011N	074W	H	1360	19650	0	0
YUKON DELTA	007N	075W	H	0	7650	0	0
YUKON DELTA	008N	075W	H	495	20128	0	0
YUKON DELTA	009N	075W	H	3982	19377	0	0
YUKON DELTA	010N	075W	H	2737	16140	0	0
YUKON DELTA	011N	075W	H	398	18497	0	0
YUKON DELTA	008N	076W	H	0	6412	0	0
YUKON DELTA	009N	076W	H	1592	18853	0	0
YUKON DELTA	010N	076W	H	625	22842	0	0
YUKON DELTA	011N	076W	H	255	14338	0	0
YUKON DELTA	012N	076W	H	35	3	0	0
YUKON DELTA	008N	077W	H	135	14865	0	0
YUKON DELTA	009N	077W	H	0	3200	0	0
YUKON DELTA	010N	077W	H	0	10182	0	0
YUKON DELTA	011N	077W	H	80	13305	0	0
YUKON DELTA	012N	077W	H	380	40	0	0
YUKON DELTA	011N	078W	H	80	5720	0	0
YUKON DELTA	012N	078W	H	40	2955	0	0
YUKON DELTA	002N	083W	H	100	2325	0	0
YUKON DELTA	024N	085W	H	0	20	0	0
YUKON DELTA	002N	086W	H	225	7195	0	0
YUKON DELTA	020N	086W	H	0	2222	0	0
YUKON DELTA	021N	086W	H	315	14832	0	0
YUKON DELTA	016N	087W	H	220	7561	0	0
YUKON DELTA	018N	087W	H	380	7695	0	0
YUKON DELTA	019N	087W	H	141	11387	0	0
YUKON DELTA	020N	087W	H	227	14238	0	0
YUKON DELTA	017N	088W	H	40	660	0	0
YUKON DELTA	018N	088W	H	440	50	0	0
YUKON DELTA	019N	088W	H	267	110	0	0
YUKON DELTA	001S	073W	H	0	20	0	0
YUKON FLATS	020N	003E	H	0	1280	0	0
YUKON FLATS	017N	005E	H	1042	0	0	0
YUKON FLATS	021N	014E	H	202	0	0	0
YUKON FLATS	022N	014E	H	10	0	0	0
YUKON FLATS	022N	015E	H	550	0	0	0
YUKON FLATS	023N	015E	H	280	0	0	0
YUKON FLATS	022N	016E	H	0	5986	0	0
YUKON FLATS	023N	016E	H	0	4335	0	0
YUKON FLATS	015N	009W	H	0	21885	0	0
ARCTIC	012S	024E	H	480	0	0	80
ARCTIC	008S	030E	H	0	320	0	0
ARCTIC	008S	031E	H	160	1160	0	0
INNOKO	017S	001W	H	0	0	0	0
INNOKO	019S	001W	H	0	0	0	0
INNOKO	018S	002W	H	0	0	0	0
INNOKO	019S	002W	H	0	0	0	0
INNOKO	028S	002W	H	0	0	0	0
INNOKO	019S	003W	H	0	0	0	0
INNOKO	018S	001E	H	0	0	0	0
INNOKO	025S	001E	H	0	0	0	0
INNOKO	026S	003E	H	0	0	0	0
INNOKO	027S	003E	H	0	0	0	0
INNOKO	021S	004E	H	0	0	0	0
INNOKO	032N	055W	H	0	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
INNOKO	033N	055W	H	0	0	0	0
INNOKO	032N	056W	H	0	0	0	0
KODIAK	026S	026W	H	33	0	0	0
KENAI	008N	004W	H	0	2540	0	0
KENAI	003N	006W	H	0	0	0	5
KENAI	006N	006W	H	0	2560	0	0
KENAI	004N	009W	H	0	3797	0	0
KENAI	006N	011W	H	0	1280	0	0
KOYUKUK	004N	010E	H	0	9600	0	0
KOYUKUK	008N	014E	H	0	2478	0	0
SELAWIK	015N	001E	H	150	0	0	0
SELAWIK	015N	002E	H	100	603	0	0
SELAWIK	012N	003W	H	60	0	0	0
SELAWIK	012N	004W	H	30	0	0	0
SELAWIK	011N	005W	H	0	2560	0	0
SELAWIK	012N	005W	H	175	7389	0	0
SELAWIK	015N	006W	H	130	879	0	0
SELAWIK	011N	007W	H	0	4900	0	0
SELAWIK	014N	009W	H	546	6013	0	0
TETLIN	010N	022E	H	65	0	0	0
TETLIN	011N	022E	H	30	0	1280	0
TOGIAK	008S	063W	H	160	0	0	0
TOGIAK	011S	064W	H	0	17820	0	0
TOGIAK	012S	064W	H	0	1897	0	0
TOGIAK	013S	065W	H	0	610	0	0
TOGIAK	014S	065W	H	0	3076	0	0
TOGIAK	014S	066W	H	2037	11533	0	0
TOGIAK	015S	066W	H	320	1859	0	0
TOGIAK	014S	068W	H	511	3086	0	0
TOGIAK	014S	069W	H	60	1919	0	0
TOGIAK	015S	070W	H	662	10	0	0
TOGIAK	006S	074W	H	160	2560	0	0
YUKON DELTA	005N	062W	H	160	5	0	0
YUKON DELTA	005N	063W	H	0	5	0	0
YUKON DELTA	006N	063W	H	0	3	0	0
YUKON DELTA	008N	073W	H	0	2423	0	0
YUKON DELTA	009N	073W	H	810	15592	0	0
YUKON DELTA	010N	073W	H	375	9081	0	0
YUKON DELTA	011N	073W	H	0	1759	0	0
YUKON DELTA	012N	074W	H	1243	80	0	0
YUKON DELTA	012N	075W	H	1184	40	0	0
YUKON DELTA	005N	080W	H	0	18484	0	0
YUKON DELTA	001N	081W	H	160	1137	0	0
YUKON DELTA	003N	081W	H	0	7898	0	0
YUKON DELTA	004N	081W	H	530	17215	0	0
YUKON DELTA	005N	081W	H	0	19302	0	0
YUKON DELTA	001N	082W	H	0	14273	0	0
YUKON DELTA	003N	082W	H	145	3440	0	0
YUKON DELTA	004N	082W	H	483	14140	0	0
YUKON DELTA	005N	082W	H	160	18463	0	0
YUKON DELTA	006N	082W	H	0	6039	0	0
YUKON DELTA	004N	083W	H	80	10017	0	0
YUKON DELTA	007N	083W	H	40	0	0	0
YUKON DELTA	007N	084W	H	370	75	0	0
YUKON DELTA	026N	084W	H	664	11919	0	0
YUKON DELTA	002N	085W	H	80	30	0	0
YUKON DELTA	003N	085W	H	200	40	0	0
YUKON DELTA	006N	085W	H	160	15	0	0
YUKON DELTA	001S	078W	H	213	14526	0	0
YUKON FLATS	017N	004E	H	0	3120	0	0
YUKON FLATS	016N	006E	H	36	0	0	0
YUKON FLATS	017N	006E	H	752	0	0	0
YUKON FLATS	018N	006E	H	80	0	0	0
YUKON FLATS	019N	008E	H	0	1787	0	0
YUKON FLATS	021N	015E	H	358	0	0	0
YUKON FLATS	021N	016E	H	105	628	0	0
YUKON FLATS	020N	018E	H	160	6090	0	0
YUKON FLATS	019N	019E	H	40	15192	0	0
YUKON FLATS	020N	019E	H	489	20423	0	0
YUKON FLATS	018N	020E	H	215	0	0	0
YUKON FLATS	019N	020E	H	0	16443	0	0
YUKON FLATS	018N	021E	H	345	0	0	0
YUKON FLATS	019N	021E	H	0	613	0	0
ARCTIC	036N	004E	H	0	1279	0	0
ARCTIC	036N	005E	H	200	0	0	0
ARCTIC	008N	038E	H	60	0	0	0
ARCTIC	016S	022E	H	0	520	0	0
ARCTIC	013S	024E	H	80	0	0	0
ARCTIC	013S	025E	H	240	0	0	0
ARCTIC	010S	030E	H	160	0	0	0
ARCTIC	009S	031E	H	320	800	0	0
ARCTIC	009S	036E	H	80	320	0	0
BECHAROF	026S	040W	H	0	0	0	40
INNOKO	028S	001W	H	0	0	0	0
INNOKO	022S	003E	H	0	0	0	0
INNOKO	022S	004E	H	0	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
INNOKO	023S	004E	H	0	0	0	0
INNOKO	022S	005E	H	0	0	0	0
KANUTI	016N	020W	H	40	0	0	0
KODIAK	035S	028W	H	125	0	0	0
KENAI	006N	005W	H	0	1280	0	0
KENAI	009N	006W	H	0	1276	0	0
KOYUKUK	001N	014E	H	80	0	0	0
SELAWIK	016N	002E	H	0	640	0	0
TETLIN	011N	023E	H	0	0	640	0
TOGIAK	011S	067W	H	0	4477	0	0
TOGIAK	012S	067W	H	0	7675	0	0
TOGIAK	009S	069W	H	0	12	0	0
TOGIAK	010S	070W	H	0	7	0	0
TOGIAK	005S	072W	H	0	601	0	0
YUKON DELTA	013N	075W	H	305	0	0	0
YUKON DELTA	023N	077W	H	210	1280	47	30
YUKON DELTA	005N	078W	H	0	1276	0	0
YUKON DELTA	004N	079W	H	0	9539	0	0
YUKON DELTA	005N	079W	H	90	15831	0	0
YUKON DELTA	007N	079W	H	0	9636	0	0
YUKON DELTA	003N	080W	H	0	3783	0	0
YUKON DELTA	004N	080W	H	70	20583	0	0
YUKON DELTA	006N	080W	H	320	19712	0	0
YUKON DELTA	007N	080W	H	160	20376	0	0
YUKON DELTA	008N	080W	H	152	3520	0	0
YUKON DELTA	006N	081W	H	0	18105	0	0
YUKON DELTA	007N	081W	H	0	4030	0	0
YUKON DELTA	008N	081W	H	0	1980	0	0
YUKON DELTA	003N	083W	H	0	1040	0	0
YUKON DELTA	006N	083W	H	0	10	0	0
YUKON DELTA	025N	083W	H	111	23	0	0
YUKON DELTA	004N	084W	H	35	0	0	0
YUKON DELTA	025N	084W	H	346	60	0	0
YUKON DELTA	005N	085W	H	245	5	0	0
YUKON DELTA	013N	085W	H	196	10	0	0
YUKON DELTA	014N	085W	H	154	0	0	0
YUKON DELTA	003N	086W	H	100	33	0	0
YUKON DELTA	004N	086W	H	80	0	0	0
YUKON DELTA	013N	086W	H	0	25	0	0
YUKON DELTA	014N	086W	H	338	20	0	0
YUKON DELTA	001S	079W	H	1076	18577	0	0
YUKON FLATS	016N	001E	H	0	2239	0	0
YUKON FLATS	017N	001E	H	276	14731	0	0
YUKON FLATS	018N	001E	H	53	6370	0	0
YUKON FLATS	017N	002E	H	160	15844	0	0
YUKON FLATS	018N	002E	H	118	8522	0	0
YUKON FLATS	019N	002E	H	57	2743	0	0
YUKON FLATS	017N	003E	H	159	15958	0	0
YUKON FLATS	023N	017E	H	0	3491	0	0
YUKON FLATS	020N	020E	H	0	1196	0	0
YUKON FLATS	016N	001W	H	0	640	0	0
YUKON FLATS	017N	001W	H	407	6282	0	0
YUKON FLATS	018N	001W	H	0	1920	0	0
YUKON FLATS	016N	004W	H	560	0	0	0
YUKON FLATS	017N	005W	H	200	0	0	0
AK PENINSULA	043S	061W	M	444	19176	0	0
AK PENINSULA	044S	061W	M	450	9609	0	0
AK PENINSULA	043S	062W	M	190	16272	0	0
AK PENINSULA	044S	062W	M	110	17792	0	0
ARCTIC	025N	023E	M	0	2559	0	0
ARCTIC	028N	029E	M	0	15074	0	0
ARCTIC	009N	032E	M	90	560	0	0
ARCTIC	008N	035E	M	40	3199	0	0
ARCTIC	009N	035E	M	155	890	0	0
ARCTIC	008N	036E	M	160	7563	0	0
ARCTIC	006N	039E	M	80	0	0	0
BECHAROF	026S	038W	M	0	0	0	5
BECHAROF	027S	040W	M	0	0	0	18
BECHAROF	028S	042W	M	0	17254	0	0
BECHAROF	030S	042W	M	0	10464	16803	0
BECHAROF	028S	043W	M	0	7040	0	0
INNOKO	027S	004W	M	0	0	0	0
INNOKO	013S	003E	M	0	0	0	0
INNOKO	033N	053W	M	0	0	0	0
INNOKO	033N	054W	M	0	0	0	0
KANUTI	016N	021W	M	0	1240	0	0
KODIAK	025S	026W	M	4	0	0	0
KODIAK	035S	027W	M	355	1969	0	0
KODIAK	036S	027W	M	5	1720	0	0
KODIAK	037S	027W	M	0	125	0	0
KODIAK	029S	029W	M	0	1936	0	23
KODIAK	030S	029W	M	182	3406	0	1

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
KODIAK	031S	029W	M	0	2997	0	8
KODIAK	036S	029W	M	0	3693	0	9
KODIAK	037S	029W	M	0	0	0	13
KODIAK	036S	030W	M	0	8008	0	9
KODIAK	032S	033W	M	0	5101	0	0
KODIAK	035S	033W	M	0	0	0	122
KENAI	008N	004W	M	0	5070	0	0
KENAI	009N	004W	M	0	15576	0	0
KENAI	005N	005W	M	0	10855	0	0
KENAI	006N	005W	M	0	21666	0	0
KENAI	007N	005W	M	0	16510	0	0
KENAI	008N	005W	M	0	9571	0	0
KENAI	004N	006W	M	0	3965	0	5
KENAI	005N	006W	M	0	11503	0	0
KENAI	006N	006W	M	0	20386	0	0
KENAI	007N	006W	M	0	17235	0	0
KENAI	008N	006W	M	0	16336	0	0
KENAI	005N	007W	M	0	6376	0	0
KENAI	006N	007W	M	0	13416	0	0
KENAI	007N	007W	M	0	3200	0	0
KENAI	008N	007W	M	0	15151	0	0
KENAI	009N	007W	M	0	8320	0	0
KENAI	004N	008W	M	0	16420	0	0
KENAI	007N	008W	M	0	3812	0	0
KENAI	008N	008W	M	0	7604	0	0
KENAI	002N	009W	M	0	6441	0	0
KENAI	007N	009W	M	0	8164	0	0
KENAI	004N	010W	M	0	4470	0	0
KENAI	006N	010W	M	0	2845	0	0
KENAI	007N	010W	M	0	17154	0	0
KENAI	001S	008W	M	0	3749	0	0
KENAI	002S	008W	M	0	20250	0	0
KOYUKUK	007N	009E	M	158	0	0	0
KOYUKUK	004N	010E	M	0	13170	0	0
KOYUKUK	006N	010E	M	0	15291	0	0
KOYUKUK	007N	010E	M	80	0	0	0
KOYUKUK	003N	011E	M	605	19518	0	0
KOYUKUK	004N	011E	M	80	5760	0	0
KOYUKUK	005N	011E	M	65	15343	0	0
KOYUKUK	007N	011E	M	0	0	14043	0
KOYUKUK	001N	012E	M	0	0	628	0
KOYUKUK	002N	012E	M	0	1250	0	0
KOYUKUK	003N	012E	M	0	640	0	0
KOYUKUK	006N	012E	M	160	640	0	0
KOYUKUK	001N	013E	M	80	0	0	0
KOYUKUK	003N	013E	M	160	8320	0	0
KOYUKUK	005N	013E	M	0	8960	0	0
KOYUKUK	008N	013E	M	160	13804	0	0
KOYUKUK	004N	014E	M	60	13786	0	0
KOYUKUK	008N	014E	M	0	640	0	0
KOYUKUK	006N	018E	M	0	1900	0	0
NOWITNA	005S	025E	M	0	2560	0	0
NOWITNA	005S	026E	M	0	0	14001	0
SELAWIK	017N	003E	M	80	0	0	0
SELAWIK	011N	010E	M	80	0	0	0
SELAWIK	014N	004W	M	0	6970	0	0
SELAWIK	011N	005W	M	0	20283	0	0
SELAWIK	013N	005W	M	0	550	0	0
SELAWIK	014N	005W	M	160	7018	0	0
SELAWIK	014N	012W	M	1118	5553	0	0
SELAWIK	015N	012W	M	768	15797	0	0
TETLIN	013N	020E	M	462	16131	3694	42
TETLIN	014N	020E	M	509	2333	714	71
TETLIN	011N	023E	M	65	5	1205	5
TOGIAK	011S	064W	M	0	4477	0	0
TOGIAK	012S	064W	M	0	14063	0	0
TOGIAK	013S	064W	M	0	20941	0	0
TOGIAK	014S	064W	M	0	4381	0	0
TOGIAK	015S	064W	M	0	3348	0	0
TOGIAK	012S	065W	M	0	639	0	0
TOGIAK	013S	065W	M	0	21573	0	0
TOGIAK	014S	065W	M	480	19186	0	0
TOGIAK	015S	065W	M	180	5891	0	0
TOGIAK	013S	067W	M	965	11454	0	0
TOGIAK	013S	068W	M	0	15897	0	0
TOGIAK	014S	068W	M	350	6371	0	0
TOGIAK	014S	069W	M	0	20745	0	0
TOGIAK	015S	069W	M	160	9046	0	0
TOGIAK	016S	069W	M	80	0	0	0
TOGIAK	015S	070W	M	8	0	0	0
TOGIAK	016S	071W	M	320	5	0	0
TOGIAK	016S	072W	M	410	0	0	0
TOGIAK	006S	073W	M	0	9506	0	0
YUKON DELTA	006N	074W	M	0	1882	0	0
YUKON DELTA	007N	074W	M	0	3156	0	0
YUKON DELTA	005N	075W	M	80	0	0	0
YUKON DELTA	006N	075W	M	640	21027	0	0
YUKON DELTA	007N	075W	M	0	15236	0	0
YUKON DELTA	005N	076W	M	1710	11589	0	0
YUKON DELTA	006N	076W	M	940	22947	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	007N	076W	M	310	22326	0	0
YUKON DELTA	001N	077W	M	40	4897	0	0
YUKON DELTA	003N	077W	M	30	1677	0	0
YUKON DELTA	004N	077W	M	619	9412	0	0
YUKON DELTA	005N	077W	M	1089	17994	0	0
YUKON DELTA	006N	077W	M	522	20960	0	0
YUKON DELTA	007N	077W	M	425	19541	0	0
YUKON DELTA	001N	078W	M	449	20551	0	0
YUKON DELTA	002N	078W	M	354	16446	0	0
YUKON DELTA	003N	078W	M	1721	18332	0	0
YUKON DELTA	004N	078W	M	1721	13881	0	0
YUKON DELTA	005N	078W	M	70	19419	0	0
YUKON DELTA	006N	078W	M	0	20712	0	0
YUKON DELTA	007N	078W	M	310	5829	0	0
YUKON DELTA	001N	079W	M	467	21552	0	0
YUKON DELTA	002N	079W	M	1025	21916	0	0
YUKON DELTA	004N	079W	M	190	11639	0	0
YUKON DELTA	005N	079W	M	0	5293	0	0
YUKON DELTA	006N	079W	M	0	21157	0	0
YUKON DELTA	007N	079W	M	0	12250	0	0
YUKON DELTA	024N	079W	M	809	3441	0	0
YUKON DELTA	001N	080W	M	240	17897	0	0
YUKON DELTA	005N	080W	M	0	3655	0	0
YUKON DELTA	006N	080W	M	0	2560	0	0
YUKON DELTA	012N	080W	M	215	0	0	0
YUKON DELTA	029N	080W	M	35	5117	0	0
YUKON DELTA	029N	081W	M	35	640	0	0
YUKON DELTA	001N	082W	M	0	3401	0	0
YUKON DELTA	002N	082W	M	235	12590	0	0
YUKON DELTA	003N	082W	M	40	9704	0	0
YUKON DELTA	011N	082W	M	180	13	0	0
YUKON DELTA	003N	083W	M	0	735	0	0
YUKON DELTA	004N	083W	M	190	4440	0	0
YUKON DELTA	009N	083W	M	725	22	0	0
YUKON DELTA	004N	084W	M	125	20	0	0
YUKON DELTA	009N	084W	M	1710	5	0	0
YUKON DELTA	010N	084W	M	1745	43	0	0
YUKON DELTA	004N	085W	M	0	18	0	0
YUKON DELTA	005N	085W	M	20	0	0	0
YUKON DELTA	006N	085W	M	55	0	0	0
YUKON DELTA	010N	085W	M	565	3740	0	0
YUKON DELTA	011N	085W	M	0	2455	0	0
YUKON DELTA	013N	085W	M	125	10	0	0
YUKON DELTA	021N	086W	M	0	1530	0	0
YUKON DELTA	022N	086W	M	40	3540	0	0
YUKON DELTA	020N	087W	M	75	2945	0	0
YUKON DELTA	001S	078W	M	0	1738	0	0
YUKON DELTA	001S	080W	M	0	1741	0	0
YUKON DELTA	001S	081W	M	0	2198	0	0
YUKON FLATS	016N	001E	M	590	15717	0	0
YUKON FLATS	018N	001E	M	643	16404	145	0
YUKON FLATS	016N	002E	M	216	19759	0	0
YUKON FLATS	017N	002E	M	0	1555	0	0
YUKON FLATS	018N	002E	M	562	8081	0	0
YUKON FLATS	019N	002E	M	24	14885	0	0
YUKON FLATS	016N	003E	M	0	19697	0	0
YUKON FLATS	017N	003E	M	0	1674	0	0
YUKON FLATS	019N	003E	M	0	6660	0	0
YUKON FLATS	016N	004E	M	0	20547	0	0
YUKON FLATS	017N	004E	M	0	17216	0	0
YUKON FLATS	018N	004E	M	0	8735	0	0
YUKON FLATS	019N	007E	M	0	11863	0	0
YUKON FLATS	018N	008E	M	0	15491	0	0
YUKON FLATS	019N	008E	M	0	19091	0	0
YUKON FLATS	018N	009E	M	240	20881	0	0
YUKON FLATS	019N	009E	M	0	21740	0	0
YUKON FLATS	018N	010E	M	200	20898	0	0
YUKON FLATS	019N	010E	M	440	20777	0	0
YUKON FLATS	019N	011E	M	0	20492	0	0
YUKON FLATS	020N	011E	M	191	804	0	0
YUKON FLATS	020N	012E	M	2473	15041	0	6
YUKON FLATS	021N	012E	M	1682	18686	0	0
YUKON FLATS	021N	013E	M	360	20077	0	0
YUKON FLATS	022N	013E	M	0	21454	0	0
YUKON FLATS	021N	016E	M	257	22087	0	0
YUKON FLATS	022N	016E	M	488	13198	0	0
YUKON FLATS	023N	016E	M	355	15340	0	0
YUKON FLATS	023N	018E	M	270	8250	0	0
YUKON FLATS	023N	021E	M	0	7604	0	0
YUKON FLATS	016N	001W	M	40	19398	0	0
YUKON FLATS	017N	001W	M	567	10652	0	0
YUKON FLATS	018N	001W	M	200	19745	0	0
YUKON FLATS	014N	009W	M	0	9014	0	0
AK PENINSULA	045S	060W	M	625	12821	0	135
ARCTIC	025N	022E	M	0	1280	0	0
ARCTIC	027N	029E	M	0	600	0	0
BECHAROF	029S	041W	M	0	1570	0	0
BECHAROF	029S	042W	M	5	19009	0	0
BECHAROF	030S	043W	M	0	3200	3200	0
BECHAROF	019S	044W	M	0	11360	0	0
BECHAROF	021S	044W	M	40	0	0	0
INNOKO	029S	003W	M	0	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
INNOKO	032N	054W	M	0	0	0	0
INNOKO	032N	055W	M	0	0	0	0
KODIAK	034S	027W	M	0	1110	0	0
KODIAK	037S	028W	M	80	3284	0	0
KODIAK	035S	029W	M	0	921	0	4
KODIAK	030S	030W	M	190	3845	0	0
KODIAK	031S	030W	M	130	510	0	0
KODIAK	038S	030W	M	0	6056	0	0
KODIAK	037S	031W	M	125	4388	0	37
KODIAK	035S	032W	M	160	2527	0	32
KODIAK	031S	033W	M	0	1279	0	0
KENAI	004N	005W	M	0	7059	0	0
KENAI	009N	005W	M	0	20455	0	0
KENAI	004N	009W	M	0	14296	0	0
KENAI	008N	009W	M	0	7503	0	0
KENAI	002N	010W	M	0	3947	0	0
KENAI	008N	010W	M	30	7040	0	0
KENAI	002N	011W	M	0	5525	355	0
KENAI	001S	009W	M	0	3509	0	0
KENAI	003S	009W	M	0	16275	0	0
KOYUKUK	002N	010E	M	0	2560	0	0
KOYUKUK	005N	010E	M	160	1920	0	0
KOYUKUK	004N	013E	M	165	4915	0	0
NOWITNA	006S	024E	M	0	0	10880	0
SELAWIK	018N	003E	M	0	21096	0	0
SELAWIK	017N	004E	M	160	0	0	0
SELAWIK	018N	004E	M	0	22918	0	0
SELAWIK	010N	005W	M	320	0	0	0
SELAWIK	014N	006W	M	80	480	0	0
SELAWIK	015N	006W	M	1155	13064	0	0
SELAWIK	018N	007W	M	565	8109	0	0
SELAWIK	017N	008W	M	358	22547	0	0
SELAWIK	018N	008W	M	1178	11172	0	0
SELAWIK	014N	009W	M	80	5748	0	0
SELAWIK	017N	009W	M	1161	17567	0	0
SELAWIK	018N	009W	M	240	2787	0	0
SELAWIK	014N	010W	M	116	1124	0	0
SELAWIK	015N	010W	M	363	13647	0	0
SELAWIK	017N	010W	M	65	7423	0	0
SELAWIK	018N	010W	M	0	1190	0	0
TETLIN	013N	019E	M	369	15932	0	0
TOGIAK	004S	070W	M	180	19	0	0
TOGIAK	011S	070W	M	0	20	0	0
TOGIAK	004S	072W	M	0	1280	0	0
TOGIAK	005S	072W	M	40	3031	0	0
TOGIAK	005S	073W	M	40	11430	0	0
TOGIAK	017S	073W	M	400	5	0	0
TOGIAK	005S	074W	M	200	3199	0	0
TOGIAK	015S	075W	M	0	7	0	850
TOGIAK	018S	075W	M	160	25	0	0
YUKON DELTA	022N	074W	M	467	4599	0	0
YUKON DELTA	023N	074W	M	380	13338	0	0
YUKON DELTA	022N	075W	M	106	14663	0	0
YUKON DELTA	023N	075W	M	556	15195	0	0
YUKON DELTA	024N	075W	M	530	15327	0	0
YUKON DELTA	008N	076W	M	0	609	0	0
YUKON DELTA	023N	076W	M	899	5737	526	227
YUKON DELTA	008N	077W	M	0	380	0	0
YUKON DELTA	009N	077W	M	170	19702	0	0
YUKON DELTA	010N	077W	M	40	11513	0	0
YUKON DELTA	011N	077W	M	40	618	0	0
YUKON DELTA	023N	077W	M	825	7306	1708	0
YUKON DELTA	009N	078W	M	400	16405	0	0
YUKON DELTA	010N	078W	M	130	15451	0	0
YUKON DELTA	011N	078W	M	0	12024	0	0
YUKON DELTA	012N	078W	M	40	4082	0	0
YUKON DELTA	003N	079W	M	40	21864	0	0
YUKON DELTA	008N	079W	M	160	0	0	0
YUKON DELTA	009N	079W	M	145	15902	0	0
YUKON DELTA	010N	079W	M	150	17638	0	0
YUKON DELTA	011N	079W	M	305	8	0	0
YUKON DELTA	012N	079W	M	116	0	0	0
YUKON DELTA	002N	080W	M	220	17659	0	0
YUKON DELTA	003N	080W	M	140	15276	0	0
YUKON DELTA	008N	080W	M	95	18	0	0
YUKON DELTA	009N	080W	M	400	3013	0	0
YUKON DELTA	010N	080W	M	514	16028	0	0
YUKON DELTA	011N	080W	M	305	9823	0	0
YUKON DELTA	001N	081W	M	0	7391	0	0
YUKON DELTA	002N	081W	M	136	17174	0	0
YUKON DELTA	003N	081W	M	0	10335	0	0
YUKON DELTA	008N	081W	M	310	6470	0	0
YUKON DELTA	009N	081W	M	0	3407	0	0
YUKON DELTA	010N	081W	M	115	15175	0	0
YUKON DELTA	008N	082W	M	0	330	0	0
YUKON DELTA	009N	082W	M	5	8290	0	0
YUKON DELTA	010N	082W	M	571	3904	0	0
YUKON DELTA	017N	084W	M	0	1140	0	0
YUKON DELTA	018N	084W	M	0	628	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	012N	085W	M	85	591	0	0
YUKON DELTA	014N	085W	M	106	50	0	0
YUKON DELTA	017N	085W	M	100	2065	0	0
YUKON DELTA	018N	085W	M	0	1920	0	0
YUKON DELTA	011N	086W	M	480	3280	0	0
YUKON DELTA	012N	086W	M	368	4187	0	0
YUKON DELTA	014N	086W	M	62	0	0	0
YUKON DELTA	015N	086W	M	85	160	0	0
YUKON DELTA	015N	087W	M	684	135	0	0
YUKON DELTA	016N	087W	M	440	775	0	0
YUKON FLATS	019N	001E	M	0	15699	0	0
YUKON FLATS	020N	003E	M	0	6184	0	0
YUKON FLATS	017N	007E	M	576	14241	0	0
YUKON FLATS	018N	011E	M	0	22647	0	0
YUKON FLATS	021N	011E	M	1162	9741	0	0
YUKON FLATS	018N	012E	M	50	22507	0	0
YUKON FLATS	019N	012E	M	610	17388	0	0
YUKON FLATS	022N	012E	M	0	21699	0	0
YUKON FLATS	018N	013E	M	170	16857	0	0
YUKON FLATS	019N	013E	M	155	20493	0	0
YUKON FLATS	020N	013E	M	440	20728	0	0
YUKON FLATS	022N	014E	M	80	0	0	0
YUKON FLATS	022N	017E	M	200	22919	0	0
YUKON FLATS	023N	017E	M	392	16267	0	0
YUKON FLATS	016N	005W	M	0	640	0	0
YUKON FLATS	017N	005W	M	200	0	0	0
ARCTIC	032N	023E	M	160	0	0	0
ARCTIC	028N	030E	M	0	1227	0	0
ARCTIC	002N	024E	M	0	0	3028	0
ARCTIC	003N	024E	M	0	0	3008	0
BECHAROF	028S	041W	M	160	0	0	0
BECHAROF	030S	041W	M	0	2	0	0
BECHAROF	027S	045W	M	0	0	18511	0
BECHAROF	025S	046W	M	0	0	1186	0
INNOKO	028S	003W	M	0	0	0	0
INNOKO	011S	005E	M	0	0	0	0
IZEMBEK	058S	092W	M	0	10	0	0
IZEMBEK	059S	092W	M	0	640	0	0
KANUTI	017N	023W	M	93	0	0	0
KODIAK	034S	023W	M	0	645	0	0
KODIAK	034S	024W	M	178	2495	0	0
KODIAK	034S	025W	M	0	839	0	0
KODIAK	029S	026W	M	1	0	0	5
KODIAK	034S	026W	M	0	1259	0	0
KODIAK	033S	027W	M	0	165	0	238
KODIAK	035S	030W	M	0	1465	0	0
KODIAK	035S	031W	M	0	4458	0	0
KODIAK	036S	032W	M	0	3785	0	0
KODIAK	037S	032W	M	0	1235	0	0
KODIAK	032S	034W	M	0	4493	0	0
KENAI	007N	004W	M	0	7037	0	0
KENAI	003N	007W	M	80	16407	0	0
KENAI	004N	007W	M	0	4661	0	73
KENAI	001N	008W	M	0	4032	0	0
KENAI	001N	009W	M	0	4052	0	0
KENAI	001N	010W	M	0	11371	0	0
KENAI	003N	011W	M	0	3200	0	0
KENAI	006N	011W	M	0	2240	0	0
KENAI	004S	009W	M	0	11520	0	0
KOYUKUK	002N	011E	M	0	640	0	0
KOYUKUK	003N	014E	M	120	610	0	0
KOYUKUK	005S	009E	M	35	0	0	0
NOWITNA	005S	027E	M	0	0	8229	0
SELAWIK	015N	003W	M	160	0	0	0
SELAWIK	011N	006W	M	0	15911	0	0
SELAWIK	012N	006W	M	0	60	0	0
SELAWIK	017N	007W	M	108	20332	0	0
SELAWIK	016N	010W	M	160	18537	0	0
SELAWIK	015N	011W	M	193	13669	0	0
SELAWIK	016N	012W	M	160	12865	0	0
TOGIAK	012S	066W	M	13	1278	0	0
TOGIAK	011S	067W	M	0	5117	0	0
TOGIAK	012S	067W	M	0	5756	0	0
TOGIAK	013S	069W	M	0	6396	0	0
TOGIAK	014S	071W	M	160	0	0	0
TOGIAK	015S	071W	M	160	0	0	0
TOGIAK	013S	072W	M	0	1279	0	0
TOGIAK	015S	073W	M	0	20	0	0
TOGIAK	015S	074W	M	0	3216	0	0
YUKON DELTA	006N	072W	M	520	22385	0	0
YUKON DELTA	007N	072W	M	2267	22151	0	0
YUKON DELTA	006N	073W	M	620	9165	0	0
YUKON DELTA	007N	073W	M	831	9800	0	0
YUKON DELTA	024N	074W	M	67	10119	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	025N	074W	M	90	6400	0	0
YUKON DELTA	023N	078W	M	1506	2058	0	0
YUKON DELTA	023N	079W	M	1168	12365	0	9
YUKON DELTA	016N	086W	M	0	60	0	0
YUKON FLATS	020N	004E	M	0	8565	0	0
YUKON FLATS	021N	008E	M	346	0	0	0
YUKON FLATS	022N	008E	M	480	0	0	0
YUKON FLATS	017N	009E	M	134	16539	0	0
YUKON FLATS	017N	010E	M	0	21446	0	0
YUKON FLATS	017N	011E	M	0	22461	0	0
YUKON FLATS	016N	012E	M	160	0	0	0
YUKON FLATS	019N	014E	M	5	21378	0	0
YUKON FLATS	021N	017E	M	120	20761	0	0
YUKON FLATS	021N	018E	M	495	11480	0	0
YUKON FLATS	022N	018E	M	0	10719	0	0
YUKON FLATS	021N	020E	M	455	12475	0	0
YUKON FLATS	022N	020E	M	185	10987	0	0
YUKON FLATS	021N	021E	M	0	7371	0	0
YUKON FLATS	022N	021E	M	0	6278	0	0
YUKON FLATS	013N	007W	M	40	8279	0	0
YUKON FLATS	012N	008W	M	30	5710	2510	0
YUKON FLATS	013N	008W	M	0	2551	2556	0
YUKON FLATS	012N	009W	M	678	9942	0	0
YUKON FLATS	015N	010W	M	35	0	0	0
YUKON FLATS	016N	010W	M	295	160	0	0
AK MARITIME	014S	018W	M	0	7200	0	0
AK PENINSULA	053S	081W	M	0	9438	0	0
AK PENINSULA	058S	088W	M	0	3162	0	0
AK PENINSULA	057S	089W	M	0	0	2260	5
ARCTIC	008N	037E	M	335	0	0	0
BECHAROF	020S	042W	M	20	0	0	0
BECHAROF	027S	042W	M	0	5110	0	0
BECHAROF	027S	043W	M	0	4954	0	0
BECHAROF	027S	044W	M	0	11458	0	0
BECHAROF	028S	044W	M	0	472	160	0
INNOKO	010S	004E	M	0	0	0	0
INNOKO	009S	009E	M	0	0	0	0
KODIAK	036S	028W	M	0	640	0	0
KENAI	002S	009W	M	0	9600	0	0
KOYUKUK	008N	012E	M	160	0	0	0
KOYUKUK	002N	014E	M	80	18105	0	0
KOYUKUK	005N	015E	M	80	0	0	0
KOYUKUK	007S	010E	M	40	0	0	0
KOYUKUK	003S	013E	M	160	0	0	0
NOWITNA	006S	025E	M	0	0	13893	0
SELAWIK	015N	002E	M	80	1280	0	0
SELAWIK	015N	003E	M	0	640	0	0
SELAWIK	016N	007W	M	276	17364	0	0
SELAWIK	016N	011W	M	9	5176	0	0
TETLIN	012N	020E	M	235	0	14594	0
TOGIAK	008S	067W	M	95	0	0	0
TOGIAK	007S	073W	M	80	8001	0	0
TOGIAK	008S	073W	M	320	8	0	0
TOGIAK	006S	074W	M	455	10857	0	0
YUKON DELTA	007N	070W	M	0	12646	0	0
YUKON DELTA	008N	070W	M	1053	22825	0	0
YUKON DELTA	009N	070W	M	1841	19192	1440	0
YUKON DELTA	007N	071W	M	720	22591	0	0
YUKON DELTA	008N	071W	M	7464	22238	17148	171
YUKON DELTA	008N	072W	M	4539	13758	13736	0
YUKON DELTA	023N	072W	M	220	11692	0	0
YUKON DELTA	024N	072W	M	267	35	0	0
YUKON DELTA	023N	073W	M	110	6400	0	0
YUKON DELTA	022N	076W	M	184	9720	560	29
YUKON DELTA	011N	083W	M	55	0	0	0
YUKON DELTA	012N	083W	M	236	0	0	0
YUKON DELTA	014N	084W	M	29	45	0	0
YUKON FLATS	025N	006E	M	80	0	0	0
YUKON FLATS	021N	009E	M	320	3395	0	0
YUKON FLATS	022N	009E	M	0	1065	0	0
YUKON FLATS	021N	010E	M	295	5483	0	0
YUKON FLATS	022N	010E	M	80	12541	0	0
YUKON FLATS	022N	011E	M	0	22219	0	0
YUKON FLATS	023N	011E	M	1920	0	0	0
YUKON FLATS	013N	017E	M	25	18852	0	0
YUKON FLATS	014N	017E	M	0	22645	0	0
YUKON FLATS	016N	017E	M	0	0	5613	0
YUKON FLATS	020N	021E	M	80	3710	0	0
YUKON FLATS	019N	002W	M	200	0	0	0
YUKON FLATS	017N	008W	M	140	0	0	0
AK PENINSULA	031S	047W	M	0	4949	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
AK PENINSULA	032S	047W	M	0	6380	0	3
AK PENINSULA	031S	048W	M	0	17084	0	0
AK PENINSULA	032S	048W	M	0	17254	0	0
AK PENINSULA	044S	059W	M	115	10344	0	189
AK PENINSULA	045S	059W	M	153	6558	0	18
AK PENINSULA	054S	081W	M	0	6904	0	0
AK PENINSULA	058S	089W	M	0	2890	0	0
ARCTIC	032N	016E	M	0	190	0	0
INNOKO	007S	006E	M	0	0	0	0
INNOKO	008S	006E	M	0	0	0	0
INNOKO	008S	008E	M	0	0	0	0
INNOKO	008S	009E	M	0	0	0	0
INNOKO	032N	046W	M	0	0	0	0
INNOKO	033N	046W	M	0	0	0	0
IZEMBEK	058S	091W	M	0	10	0	0
KANUTI	017N	024W	M	107	0	0	0
KANUTI	017N	025W	M	40	0	0	0
KENAI	010N	005W	M	0	2584	0	0
KENAI	009N	006W	M	0	21091	0	0
KENAI	003N	008W	M	0	16556	0	0
KENAI	007N	011W	M	0	3840	0	0
KENAI	004S	008W	M	0	23009	0	0
KOYUKUK	005N	014E	M	160	0	0	0
KOYUKUK	006N	015E	M	160	0	0	0
KOYUKUK	004N	020E	M	40	0	0	0
KOYUKUK	004N	021E	M	120	0	0	0
KOYUKUK	005N	021E	M	195	0	0	0
NOWITNA	008S	017E	M	75	660	660	0
NOWITNA	008S	020E	M	0	0	5107	0
SELAWIK	009N	001E	M	120	0	0	0
SELAWIK	015N	001E	M	80	0	0	0
SELAWIK	016N	002E	M	40	640	0	0
SELAWIK	011N	007W	M	40	6965	0	0
SELAWIK	015N	007W	M	124	6714	0	0
SELAWIK	014N	008W	M	0	2495	0	0
SELAWIK	015N	008W	M	80	21428	0	0
SELAWIK	016N	008W	M	120	20720	0	0
SELAWIK	015N	009W	M	0	11444	0	0
SELAWIK	016N	009W	M	80	19578	0	0
SELAWIK	015N	013W	M	558	15697	0	0
SELAWIK	016N	013W	M	1956	14102	0	0
SELAWIK	015N	014W	M	262	9981	0	0
SELAWIK	016N	014W	M	1991	11220	0	0
SELAWIK	017N	014W	M	894	5046	0	0
TETLIN	013N	017E	M	0	6748	0	0
TETLIN	012N	018E	M	0	5034	0	0
TETLIN	013N	021E	M	220	0	1365	0
TOGIAK	013S	056W	M	2115	3135	0	266
TOGIAK	014S	056W	M	200	4097	0	0
TOGIAK	015S	056W	M	40	1542	40	0
TOGIAK	005S	060W	M	107	10	0	0
TOGIAK	006S	060W	M	160	0	0	0
TOGIAK	005S	061W	M	160	0	0	0
TOGIAK	007S	061W	M	480	8	0	0
YUKON DELTA	027S	018W	M	0	3140	0	0
YUKON DELTA	027S	020W	M	240	0	0	0
YUKON DELTA	008N	069W	M	3601	22798	0	0
YUKON DELTA	009N	069W	M	2416	23007	0	0
YUKON DELTA	010N	069W	M	262	6388	0	0
YUKON DELTA	009N	071W	M	440	1920	0	0
YUKON DELTA	008N	073W	M	0	1280	0	0
YUKON DELTA	022N	077W	M	291	11835	0	0
YUKON DELTA	001N	104W	M	0	3	0	0
YUKON DELTA	001N	105W	M	0	3	0	0
YUKON DELTA	002S	095W	M	0	23	0	0
YUKON DELTA	003S	095W	M	0	18	0	0
YUKON DELTA	002S	096W	M	0	640	0	0
YUKON DELTA	003S	096W	M	0	20	0	0
YUKON DELTA	003S	097W	M	0	20	0	0
YUKON DELTA	004S	098W	M	0	35	0	0
YUKON DELTA	005S	098W	M	0	38	0	0
YUKON DELTA	003S	099W	M	0	3	0	0
YUKON DELTA	004S	099W	M	0	13	0	0
YUKON DELTA	005S	099W	M	0	3	0	0
YUKON DELTA	003S	100W	M	240	5	0	0
YUKON DELTA	004S	100W	M	0	10	0	0
YUKON DELTA	003S	101W	M	0	5	0	0
YUKON DELTA	004S	101W	M	0	3	0	0
YUKON DELTA	003S	102W	M	0	8	0	0
YUKON DELTA	002S	103W	M	0	30	0	0
YUKON DELTA	002S	104W	M	0	5	0	0
YUKON DELTA	001S	105W	M	0	33	0	0
YUKON FLATS	025N	005E	M	140	0	0	0
YUKON FLATS	020N	009E	M	0	3934	0	0
YUKON FLATS	020N	010E	M	0	3861	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON FLATS	015N	012E	M	80	0	0	0
YUKON FLATS	017N	014E	M	120	0	0	0
YUKON FLATS	018N	014E	M	40	19667	0	0
YUKON FLATS	020N	014E	M	0	21623	0	0
YUKON FLATS	016N	015E	M	80	0	0	0
YUKON FLATS	013N	005W	M	0	16602	0	0
YUKON FLATS	017N	006W	M	80	0	0	0
YUKON FLATS	013N	009W	M	0	20002	0	0
AK PENINSULA	044S	058W	M	138	1385	0	29
AK PENINSULA	058S	087W	M	0	705	0	0
ARCTIC	009N	036E	M	80	330	0	0
INNOKO	013S	002E	M	0	0	0	0
INNOKO	008S	007E	M	0	0	0	0
INNOKO	009S	007E	M	0	0	0	0
INNOKO	009S	008E	M	0	0	0	0
INNOKO	010S	008E	M	0	0	0	0
INNOKO	022S	009E	M	0	0	0	0
KANUTI	018N	022W	M	0	1265	0	0
KENAI	002S	010W	M	0	19689	0	0
NOWITNA	005S	028E	M	0	0	1210	0
SELAWIK	012N	008E	M	0	3795	0	0
SELAWIK	011N	002W	M	320	0	0	0
SELAWIK	012N	002W	M	160	0	0	0
SELAWIK	015N	004W	M	160	20119	0	0
SELAWIK	016N	006W	M	80	13015	0	0
SELAWIK	017N	012W	M	0	3786	0	0
SELAWIK	017N	013W	M	897	9321	0	0
SELAWIK	018N	013W	M	746	2268	0	0
SELAWIK	018N	014W	M	1	369	0	0
TETLIN	012N	021E	M	160	620	17757	80
TETLIN	010N	022E	M	15	0	0	0
TETLIN	011N	022E	M	100	0	20142	0
TOGIAK	007S	074W	M	66	2320	0	0
TOGIAK	017S	077W	M	0	15	0	0
TOGIAK	018S	077W	M	0	7	0	0
YUKON DELTA	027S	025W	M	25	410	0	0
YUKON DELTA	027S	026W	M	195	10978	0	0
YUKON DELTA	022N	058W	M	0	2502	0	0
YUKON DELTA	021N	059W	M	320	20	0	0
YUKON DELTA	022N	059W	M	290	9253	0	0
YUKON DELTA	021N	061W	M	80	10	0	0
YUKON DELTA	010N	066W	M	739	13985	0	0
YUKON DELTA	011N	066W	M	0	2578	0	0
YUKON DELTA	009N	067W	M	2503	22407	0	0
YUKON DELTA	010N	067W	M	1016	21764	0	0
YUKON DELTA	011N	067W	M	80	5120	0	0
YUKON DELTA	008N	068W	M	1008	22825	0	0
YUKON DELTA	009N	068W	M	3054	22711	0	0
YUKON DELTA	010N	068W	M	350	10219	0	0
YUKON DELTA	022N	070W	M	250	6221	0	0
YUKON DELTA	002N	072W	M	465	8239	0	0
YUKON DELTA	001N	073W	M	47	0	0	0
YUKON DELTA	002N	073W	M	1815	21726	0	0
YUKON DELTA	031N	079W	M	195	10607	200	0
YUKON DELTA	007N	089W	M	440	1744	0	0
YUKON DELTA	001N	094W	M	0	10	0	0
YUKON DELTA	002N	094W	M	0	10	0	0
YUKON DELTA	001N	095W	M	0	9635	0	0
YUKON DELTA	002N	095W	M	0	12041	0	0
YUKON DELTA	003N	095W	M	0	4201	0	0
YUKON DELTA	003N	096W	M	0	6489	0	0
YUKON DELTA	003N	097W	M	240	15838	0	0
YUKON DELTA	004N	097W	M	0	1575	0	0
YUKON DELTA	003N	098W	M	40	12580	0	0
YUKON DELTA	004N	098W	M	0	60	0	0
YUKON DELTA	003N	099W	M	160	14992	0	0
YUKON DELTA	004N	099W	M	0	50	0	0
YUKON DELTA	002N	100W	M	160	0	0	0
YUKON DELTA	003N	100W	M	160	14	0	0
YUKON DELTA	002N	101W	M	0	35	0	0
YUKON DELTA	001N	102W	M	40	40	0	0
YUKON DELTA	002N	102W	M	0	3	0	0
YUKON DELTA	002N	103W	M	0	8	0	0
YUKON DELTA	002N	104W	M	0	20	0	0
YUKON DELTA	001S	095W	M	0	3	0	0
YUKON DELTA	001S	096W	M	0	25	0	0
YUKON FLATS	023N	013E	M	23	0	0	0
YUKON FLATS	015N	016E	M	320	0	0	0
YUKON FLATS	019N	001W	M	160	20613	0	0
AK MARITIME	042S	050W	M	0	21000	0	0
AK PENINSULA	032S	049W	M	160	21488	0	0
AK PENINSULA	033S	049W	M	280	0	0	35
AK PENINSULA	032S	050W	M	0	5120	0	0
AK PENINSULA	046S	060W	M	0	3840	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
AK PENINSULA	045S	061W	M	979	8505	0	3
AK PENINSULA	046S	061W	M	230	1630	0	0
AK PENINSULA	045S	062W	M	495	2855	0	0
ARCTIC	036N	005E	M	120	1279	0	0
ARCTIC	035N	006E	M	160	0	0	0
ARCTIC	036N	006E	M	0	3108	0	0
ARCTIC	013S	037E	M	0	400	0	0
ARCTIC	013S	038E	M	0	1950	0	0
ARCTIC	014S	038E	M	0	550	0	0
ARCTIC	015S	039E	M	0	620	0	0
ARCTIC	016S	039E	M	0	160	0	0
BECHAROF	031S	042W	M	0	0	6960	0
INNOKO	025S	004E	M	0	0	0	0
INNOKO	010S	006E	M	0	0	0	0
INNOKO	010S	009E	M	0	0	0	0
INNOKO	011S	009E	M	0	0	0	0
KODIAK	038S	028W	M	0	1120	0	0
KODIAK	039S	030W	M	0	80	0	0
KODIAK	030S	031W	M	0	880	0	0
KENAI	003N	004W	M	0	80	0	46
KENAI	002N	008W	M	0	9561	0	0
KENAI	003N	009W	M	0	640	0	0
KENAI	003N	010W	M	0	10831	0	0
KENAI	001N	011W	M	0	1920	0	0
KENAI	005S	007W	M	0	603	0	0
KENAI	005S	008W	M	0	13965	0	0
KENAI	001S	010W	M	0	6323	0	0
KOYUKUK	008N	008E	M	0	22115	0	0
KOYUKUK	008N	009E	M	0	20837	0	0
KOYUKUK	003N	015E	M	80	0	0	0
KOYUKUK	003N	016E	M	80	0	0	0
NOWITNA	008S	018E	M	0	3200	0	0
NOWITNA	007S	025E	M	0	0	1222	0
SELAWIK	010N	001E	M	40	0	0	0
SELAWIK	014N	011W	M	160	2209	0	0
SELAWIK	014N	013W	M	42	9465	0	0
TOGIAC	008S	066W	M	115	60	0	0
YUKON DELTA	028S	025W	M	1060	16135	0	0
YUKON DELTA	017N	059W	M	1340	16515	0	0
YUKON DELTA	017N	060W	M	1835	20447	0	0
YUKON DELTA	018N	060W	M	30	7580	0	0
YUKON DELTA	019N	060W	M	0	640	0	0
YUKON DELTA	016N	061W	M	195	8343	5046	0
YUKON DELTA	017N	061W	M	1182	20016	0	5
YUKON DELTA	018N	061W	M	85	2560	0	0
YUKON DELTA	016N	062W	M	1810	22818	0	0
YUKON DELTA	017N	062W	M	0	4480	0	0
YUKON DELTA	016N	063W	M	211	20979	0	0
YUKON DELTA	011N	065W	M	0	0	3410	0
YUKON DELTA	008N	067W	M	5	20300	0	0
YUKON DELTA	007N	069W	M	844	11490	0	0
YUKON DELTA	026N	070W	M	120	80	0	0
YUKON DELTA	001N	072W	M	207	5760	0	0
YUKON DELTA	022N	072W	M	380	3861	0	0
YUKON DELTA	022N	073W	M	253	5084	0	0
YUKON DELTA	002N	074W	M	253	6835	0	0
YUKON DELTA	029N	078W	M	519	10	0	0
YUKON DELTA	030N	078W	M	148	7297	0	0
YUKON DELTA	031N	078W	M	592	20017	0	0
YUKON DELTA	025N	079W	M	642	23	0	0
YUKON DELTA	029N	079W	M	282	1338	0	0
YUKON DELTA	030N	079W	M	125	7440	0	0
YUKON DELTA	032N	079W	M	80	8960	0	0
YUKON DELTA	023N	080W	M	139	12333	0	0
YUKON DELTA	024N	080W	M	885	5256	0	0
YUKON DELTA	023N	081W	M	0	1700	0	0
YUKON DELTA	024N	081W	M	35	4420	0	0
YUKON DELTA	027N	082W	M	118	1540	0	0
YUKON DELTA	028N	082W	M	475	9492	0	0
YUKON DELTA	027N	083W	M	165	9105	0	0
YUKON DELTA	028N	083W	M	0	3840	0	0
YUKON FLATS	016N	013E	M	80	0	0	0
YUKON FLATS	020N	015E	M	160	0	0	0
YUKON FLATS	018N	016E	M	120	0	0	0
YUKON FLATS	018N	017E	M	40	0	0	0
YUKON FLATS	019N	017E	M	0	22101	0	0
YUKON FLATS	017N	020E	M	0	0	640	0
YUKON FLATS	016N	009W	M	0	5620	0	0
YUKON FLATS	017N	009W	M	20	0	0	0
AK MARITIME	006S	046W	M	0	2592	0	0
AK MARITIME	041S	033W	M	0	0	42000	0
AK PENINSULA	028S	044W	M	0	2974	113	0
ARCTIC	008N	026E	M	160	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
ARCTIC	008N	032E	M	40	5752	0	0
ARCTIC	008N	033E	M	98	9545	0	0
ARCTIC	008N	034E	M	100	8512	0	0
ARCTIC	008N	038E	M	60	0	0	0
BECHAROF	032S	042W	M	0	0	640	0
INNOKO	025S	003W	M	0	0	0	0
KODIAK	028S	028W	M	0	640	0	0
KODIAK	033S	028W	M	0	120	0	0
KENAI	010N	006W	M	0	8865	0	0
KENAI	010N	007W	M	0	9600	0	0
KENAI	003S	010W	M	0	3821	0	0
KOYUKUK	008N	010E	M	0	14540	0	0
SELAWIK	012N	011E	M	0	1920	0	0
SELAWIK	010N	003W	M	200	0	0	0
SELAWIK	016N	004W	M	0	3200	0	0
SELAWIK	017N	006W	M	0	3828	0	0
TETLIN	012N	019E	M	60	0	0	0
YUKON DELTA	029S	025W	M	0	2811	0	0
YUKON DELTA	028S	026W	M	110	12261	0	0
YUKON DELTA	027S	027W	M	0	1280	0	0
YUKON DELTA	015N	056W	M	365	7040	18607	0
YUKON DELTA	016N	056W	M	0	9378	3097	0
YUKON DELTA	017N	056W	M	290	9586	1280	50
YUKON DELTA	016N	057W	M	65	8919	0	0
YUKON DELTA	017N	057W	M	936	21810	0	13
YUKON DELTA	018N	057W	M	925	2548	0	0
YUKON DELTA	016N	058W	M	0	1280	0	0
YUKON DELTA	017N	058W	M	815	19569	0	0
YUKON DELTA	018N	058W	M	0	1600	0	0
YUKON DELTA	016N	060W	M	0	1744	0	0
YUKON DELTA	003N	066W	M	160	0	0	0
YUKON DELTA	009N	066W	M	2078	16617	0	0
YUKON DELTA	002N	067W	M	430	10	0	0
YUKON DELTA	007N	068W	M	1130	22886	0	0
YUKON DELTA	025N	071W	M	10	30	0	0
YUKON DELTA	029N	071W	M	90	0	0	0
YUKON DELTA	025N	072W	M	200	0	0	0
YUKON DELTA	028N	073W	M	60	0	0	0
YUKON DELTA	033N	075W	M	72	11950	0	0
YUKON DELTA	034N	075W	M	340	3630	0	0
YUKON DELTA	027N	078W	M	605	40	0	0
YUKON DELTA	033N	078W	M	0	3620	0	0
YUKON DELTA	026N	079W	M	572	20	0	0
YUKON DELTA	027N	079W	M	340	0	0	0
YUKON DELTA	028N	079W	M	603	39	0	0
YUKON DELTA	028N	080W	M	467	7	0	0
YUKON DELTA	019N	091W	M	0	1280	0	0
YUKON DELTA	002N	096W	M	0	3821	0	0
YUKON DELTA	002N	097W	M	0	6320	0	0
YUKON FLATS	023N	008E	M	160	0	0	0
YUKON FLATS	015N	013E	M	40	0	0	0
YUKON FLATS	015N	014E	M	200	0	0	0
YUKON FLATS	013N	016E	M	0	5760	0	0
YUKON FLATS	014N	016E	M	270	15221	0	0
YUKON FLATS	020N	017E	M	0	22163	0	0
AK PENINSULA	029S	044W	M	0	11417	19009	0
AK PENINSULA	030S	044W	M	0	14019	16505	0
AK PENINSULA	029S	045W	M	0	7910	17043	0
AK PENINSULA	030S	045W	M	0	2534	22905	0
AK PENINSULA	031S	045W	M	0	12147	17860	0
AK PENINSULA	032S	045W	M	0	7654	0	0
AK PENINSULA	031S	046W	M	50	10575	18382	0
AK PENINSULA	032S	046W	M	0	6575	0	3
AK PENINSULA	033S	046W	M	0	4445	0	0
AK PENINSULA	038S	049W	M	0	9756	0	0
AK PENINSULA	039S	049W	M	0	2070	0	0
AK PENINSULA	038S	050W	M	0	6355	0	0
AK PENINSULA	039S	050W	M	0	5405	0	0
AK PENINSULA	042S	056W	M	175	0	4229	0
AK PENINSULA	042S	057W	M	0	10202	0	0
AK PENINSULA	043S	057W	M	0	5023	0	0
AK PENINSULA	042S	058W	M	0	1280	0	0
AK PENINSULA	043S	058W	M	640	8930	0	0
AK PENINSULA	043S	059W	M	0	640	0	0
AK PENINSULA	043S	060W	M	0	5714	0	0
AK PENINSULA	059S	090W	M	0	4535	0	15
AK PENINSULA	060S	090W	M	0	4376	0	4
ARCTIC	009N	025E	M	430	0	0	0
ARCTIC	008N	028E	M	30	0	0	0
ARCTIC	008N	031E	M	120	0	0	0
ARCTIC	009N	033E	M	320	2599	0	0
ARCTIC	009N	034E	M	100	1401	0	0
ARCTIC	007N	035E	M	0	1280	0	0
BECHAROF	032S	041W	M	0	0	90	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
INNOKO	026S	004W	M	0	0	0	0
KODIAK	029S	030W	M	135	1410	0	0
KENAI	006N	008W	M	0	1920	0	0
KENAI	001S	011W	M	0	2560	0	0
KENAI	002S	011W	M	0	3828	0	12
KENAI	003S	011W	M	0	640	0	0
NOWITNA	004S	028E	M	0	0	640	0
SELAWIK	014N	014W	M	0	430	0	0
TETLIN	012N	022E	M	240	0	5522	0
TETLIN	010N	023E	M	22	0	0	0
YUKON DELTA	025S	020W	M	1211	10443	0	0
YUKON DELTA	026S	021W	M	515	0	0	0
YUKON DELTA	029S	026W	M	0	3373	0	0
YUKON DELTA	014N	055W	M	280	0	5083	0
YUKON DELTA	015N	055W	M	280	0	618	0
YUKON DELTA	014N	056W	M	40	0	0	0
YUKON DELTA	022N	061W	M	0	154	0	0
YUKON DELTA	001N	062W	M	240	0	0	0
YUKON DELTA	015N	062W	M	0	2529	0	0
YUKON DELTA	022N	062W	M	0	150	0	0
YUKON DELTA	001N	063W	M	280	0	0	0
YUKON DELTA	014N	063W	M	220	7609	0	0
YUKON DELTA	015N	063W	M	214	13281	9255	0
YUKON DELTA	022N	063W	M	40	0	0	0
YUKON DELTA	015N	064W	M	0	4480	0	0
YUKON DELTA	016N	064W	M	0	1920	0	0
YUKON DELTA	021N	064W	M	320	7888	0	0
YUKON DELTA	022N	064W	M	0	640	0	0
YUKON DELTA	009N	065W	M	15	6211	0	0
YUKON DELTA	008N	066W	M	260	13325	0	0
YUKON DELTA	006N	067W	M	0	8227	0	0
YUKON DELTA	007N	067W	M	160	10086	0	0
YUKON DELTA	006N	068W	M	750	20796	0	0
YUKON DELTA	006N	069W	M	0	640	0	0
YUKON DELTA	001N	071W	M	120	120	0	0
YUKON DELTA	033N	076W	M	660	15965	0	0
YUKON DELTA	034N	076W	M	0	3630	0	0
YUKON DELTA	033N	077W	M	918	10871	0	30
YUKON DELTA	022N	078W	M	25	3290	0	0
YUKON DELTA	026N	078W	M	605	15	0	0
YUKON DELTA	028N	078W	M	208	0	0	0
YUKON DELTA	022N	079W	M	208	1507	0	0
YUKON DELTA	025N	080W	M	40	0	0	0
YUKON DELTA	026N	080W	M	75	0	0	0
YUKON DELTA	005N	090W	M	32	1585	0	0
YUKON DELTA	005N	091W	M	0	485	0	0
YUKON DELTA	016N	094W	M	0	495	0	0
YUKON DELTA	001S	062W	M	480	0	0	0
YUKON DELTA	001S	063W	M	280	0	0	0
YUKON FLATS	016N	006E	M	80	0	0	0
YUKON FLATS	015N	015E	M	40	0	0	0
YUKON FLATS	028N	016E	M	0	5525	0	0
YUKON FLATS	017N	024E	M	160	0	0	0
YUKON FLATS	018N	024E	M	80	0	0	0
YUKON FLATS	015N	026E	M	148	0	0	0
YUKON FLATS	016N	026E	M	12	0	0	0
YUKON FLATS	020N	001W	M	0	6671	0	0
AK MARITIME	084S	138W	M	0	146	0	0
AK PENINSULA	029S	043W	M	0	2467	0	0
AK PENINSULA	032S	044W	M	0	3668	883	0
AK PENINSULA	028S	045W	M	320	0	0	0
AK PENINSULA	033S	045W	M	0	5899	945	0
AK PENINSULA	029S	046W	M	0	5720	4761	0
AK PENINSULA	035S	049W	M	0	8477	0	0
AK PENINSULA	034S	050W	M	0	12533	0	8
AK PENINSULA	035S	050W	M	0	13754	0	0
AK PENINSULA	034S	051W	M	0	640	0	15
AK PENINSULA	040S	058W	M	0	19955	0	0
AK PENINSULA	046S	059W	M	0	615	0	0
AK PENINSULA	059S	088W	M	0	2939	0	0
AK PENINSULA	060S	088W	M	0	5085	0	5
ARCTIC	007N	028E	M	40	0	0	0
ARCTIC	007N	030E	M	80	0	0	0
INNOKO	022S	003E	M	0	0	0	0
KANUTI	023N	019W	M	0	4439	0	0
KOYUKUK	003N	017E	M	80	0	0	0
SELAWIK	015N	005W	M	290	6980	0	0
YUKON DELTA	026S	019W	M	80	2560	0	0
YUKON DELTA	026S	020W	M	85	0	0	0
YUKON DELTA	025S	021W	M	5	0	0	0
YUKON DELTA	028S	023W	M	640	4587	0	0
YUKON DELTA	028S	024W	M	501	7001	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	021N	058W	M	400	0	0	0
YUKON DELTA	009N	061W	M	120	0	0	0
YUKON DELTA	010N	061W	M	0	2522	0	0
YUKON DELTA	010N	062W	M	0	640	0	0
YUKON DELTA	001N	064W	M	80	0	0	0
YUKON DELTA	006N	064W	M	80	0	0	0
YUKON DELTA	006N	065W	M	298	0	0	0
YUKON DELTA	008N	065W	M	880	0	0	0
YUKON DELTA	013N	065W	M	130	13440	0	0
YUKON DELTA	021N	065W	M	0	6297	0	0
YUKON DELTA	012N	066W	M	160	2560	0	0
YUKON DELTA	019N	066W	M	244	13486	0	0
YUKON DELTA	020N	066W	M	540	21643	0	0
YUKON DELTA	021N	066W	M	0	751	0	0
YUKON DELTA	001N	067W	M	120	30	0	0
YUKON DELTA	001N	068W	M	135	0	0	0
YUKON DELTA	012N	068W	M	0	5598	0	0
YUKON DELTA	013N	068W	M	160	0	0	0
YUKON DELTA	027N	068W	M	160	0	0	0
YUKON DELTA	012N	069W	M	0	1920	0	0
YUKON DELTA	022N	069W	M	80	1114	0	0
YUKON DELTA	023N	069W	M	40	0	0	0
YUKON DELTA	026N	069W	M	0	40	0	0
YUKON DELTA	027N	069W	M	400	0	0	0
YUKON DELTA	021N	070W	M	160	10325	0	1
YUKON DELTA	023N	070W	M	225	0	0	0
YUKON DELTA	024N	070W	M	120	45	0	0
YUKON DELTA	025N	070W	M	0	50	0	0
YUKON DELTA	005N	071W	M	85	6536	0	0
YUKON DELTA	020N	071W	M	40	11343	0	0
YUKON DELTA	021N	071W	M	160	640	0	0
YUKON DELTA	023N	071W	M	80	0	0	0
YUKON DELTA	024N	071W	M	120	20	0	0
YUKON DELTA	032N	071W	M	40	0	0	0
YUKON DELTA	003N	072W	M	80	611	0	0
YUKON DELTA	004N	072W	M	1302	7052	0	0
YUKON DELTA	005N	072W	M	240	19408	0	0
YUKON DELTA	003N	073W	M	1275	13414	0	0
YUKON DELTA	004N	073W	M	155	15	0	0
YUKON DELTA	005N	073W	M	0	6875	0	0
YUKON DELTA	004N	074W	M	0	640	0	0
YUKON DELTA	021N	074W	M	1003	6309	0	1
YUKON DELTA	021N	075W	M	71	2560	0	0
YUKON DELTA	032N	077W	M	0	984	0	0
YUKON DELTA	032N	078W	M	280	20886	0	0
YUKON DELTA	007N	086W	M	911	11700	0	0
YUKON DELTA	005N	087W	M	0	640	0	0
YUKON DELTA	005N	088W	M	0	640	0	0
YUKON DELTA	005N	089W	M	0	1112	0	0
YUKON DELTA	001S	067W	M	40	0	0	0
YUKON DELTA	003S	069W	M	200	0	0	0
YUKON DELTA	001S	072W	M	15	120	0	0
YUKON FLATS	026N	003E	M	320	0	0	0
YUKON FLATS	019N	018E	M	320	22148	0	0
YUKON FLATS	020N	018E	M	0	15138	0	0
YUKON FLATS	029N	018E	M	120	0	0	0
YUKON FLATS	030N	018E	M	35	0	0	0
YUKON FLATS	018N	019E	M	85	0	0	0
YUKON FLATS	019N	019E	M	75	6546	0	0
YUKON FLATS	023N	020E	M	0	1920	0	0
AK PENINSULA	027S	045W	M	0	0	4446	0
AK PENINSULA	034S	048W	M	0	1261	0	0
AK PENINSULA	035S	048W	M	0	623	0	0
AK PENINSULA	034S	049W	M	0	7521	0	0
AK PENINSULA	033S	050W	M	0	0	0	5
AK PENINSULA	036S	050W	M	0	5760	0	0
AK PENINSULA	033S	051W	M	100	0	0	0
AK PENINSULA	040S	057W	M	0	2666	0	0
AK PENINSULA	041S	058W	M	60	0	0	0
KANUTI	018N	024W	M	0	3185	0	0
KODIAK	035S	028W	M	0	130	0	0
KODIAK	038S	029W	M	0	600	0	0
KODIAK	039S	029W	M	261	3929	0	0
KODIAK	037S	030W	M	0	870	0	10
KOYUKUK	003S	004E	M	0	640	0	0
SELAWIK	010N	002W	M	320	0	0	0
SELAWIK	012N	004W	M	80	0	0	0
SELAWIK	012N	005W	M	0	640	0	0
SELAWIK	012N	007W	M	125	515	0	0
YUKON DELTA	026S	018W	M	0	616	0	0
YUKON DELTA	024S	019W	M	310	3574	0	0
YUKON DELTA	024S	020W	M	415	1370	0	0
YUKON DELTA	013N	063W	M	0	5728	0	0
YUKON DELTA	010N	064W	M	0	20	0	0
YUKON DELTA	011N	064W	M	100	60	0	0
YUKON DELTA	013N	064W	M	1021	22354	0	0
YUKON DELTA	014N	064W	M	780	18177	0	0
YUKON DELTA	005N	066W	M	200	10	0	0
YUKON DELTA	018N	066W	M	80	8247	0	0
YUKON DELTA	004N	067W	M	0	20	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	005N	067W	M	600	30	0	0
YUKON DELTA	017N	067W	M	80	0	0	0
YUKON DELTA	018N	067W	M	280	15179	0	0
YUKON DELTA	019N	067W	M	0	1834	0	0
YUKON DELTA	004N	068W	M	1133	0	0	0
YUKON DELTA	005N	068W	M	440	0	0	0
YUKON DELTA	017N	068W	M	80	640	0	0
YUKON DELTA	018N	068W	M	80	8196	0	0
YUKON DELTA	013N	069W	M	0	20	0	0
YUKON DELTA	014N	069W	M	460	48	0	0
YUKON DELTA	017N	069W	M	80	16702	0	0
YUKON DELTA	018N	069W	M	0	2800	0	0
YUKON DELTA	006N	070W	M	160	15312	0	0
YUKON DELTA	014N	070W	M	158	0	0	0
YUKON DELTA	017N	070W	M	157	12922	0	0
YUKON DELTA	018N	070W	M	40	1335	0	0
YUKON DELTA	019N	070W	M	280	7682	0	0
YUKON DELTA	020N	070W	M	0	2257	0	0
YUKON DELTA	006N	071W	M	0	22292	0	0
YUKON DELTA	017N	071W	M	30	0	0	0
YUKON DELTA	018N	071W	M	40	80	0	0
YUKON DELTA	019N	071W	M	40	2600	0	0
YUKON DELTA	022N	071W	M	0	640	0	0
YUKON DELTA	021N	072W	M	40	2	0	0
YUKON DELTA	021N	073W	M	0	9081	0	0
YUKON DELTA	003N	074W	M	0	5360	0	0
YUKON DELTA	031N	074W	M	40	0	0	0
YUKON DELTA	029N	077W	M	725	0	0	0
YUKON DELTA	030N	077W	M	155	1239	0	0
YUKON DELTA	020N	082W	M	60	0	0	0
YUKON DELTA	021N	082W	M	0	3	0	0
YUKON DELTA	023N	082W	M	0	3	0	0
YUKON DELTA	016N	083W	M	0	3200	0	0
YUKON DELTA	019N	083W	M	20	0	0	0
YUKON DELTA	020N	083W	M	0	20	0	0
YUKON DELTA	021N	083W	M	40	1090	0	0
YUKON DELTA	022N	083W	M	80	4205	0	0
YUKON DELTA	023N	083W	M	40	0	0	0
YUKON DELTA	019N	084W	M	90	0	0	0
YUKON DELTA	019N	085W	M	190	20	0	0
YUKON DELTA	021N	085W	M	0	2470	0	0
YUKON DELTA	022N	085W	M	40	12917	0	0
YUKON DELTA	023N	085W	M	0	7067	0	0
YUKON FLATS	014N	014E	M	150	0	0	0
YUKON FLATS	028N	014E	M	80	0	0	0
YUKON FLATS	021N	003W	M	410	0	0	0
YUKON FLATS	022N	004W	M	0	320	0	0
AK PENINSULA	029S	043W	L	0	3692	0	0
AK PENINSULA	029S	044W	L	0	2560	3840	0
AK PENINSULA	030S	044W	L	0	2560	6400	0
AK PENINSULA	031S	044W	L	0	16559	22959	0
AK PENINSULA	032S	045W	L	0	15359	0	0
AK PENINSULA	033S	045W	L	0	10691	56	0
AK PENINSULA	033S	046W	L	0	15874	0	0
AK PENINSULA	034S	048W	L	0	11430	0	0
AK PENINSULA	035S	048W	L	0	1910	0	0
AK PENINSULA	034S	049W	L	0	3840	0	0
AK PENINSULA	035S	049W	L	0	9579	0	0
AK PENINSULA	035S	050W	L	0	3200	0	0
AK PENINSULA	036S	050W	L	0	17253	0	0
AK PENINSULA	042S	056W	L	20	0	8868	0
AK PENINSULA	040S	057W	L	0	15829	0	0
AK PENINSULA	040S	058W	L	0	640	0	0
AK PENINSULA	041S	059W	L	160	0	0	0
AK PENINSULA	045S	060W	L	0	3743	0	0
AK PENINSULA	044S	061W	L	95	8864	0	0
AK PENINSULA	045S	061W	L	0	9566	0	0
AK PENINSULA	046S	061W	L	320	8527	0	0
AK PENINSULA	044S	062W	L	0	640	0	0
AK PENINSULA	045S	062W	L	185	6095	0	0
AK PENINSULA	058S	086W	L	0	16351	0	0
AK PENINSULA	059S	086W	L	170	18029	0	77
AK PENINSULA	058S	087W	L	0	7831	0	0
AK PENINSULA	059S	087W	L	0	12630	0	0
AK PENINSULA	059S	088W	L	0	8905	0	0
AK PENINSULA	060S	089W	L	0	19655	8298	0
ARCTIC	028N	022E	L	0	40	0	0
ARCTIC	001S	025E	L	0	0	3704	0
ARCTIC	013S	029E	L	360	2269	1585	0
ARCTIC	013S	030E	L	80	675	0	0
INNOKO	010S	004E	L	0	0	0	0
INNOKO	008S	005E	L	0	0	0	0
INNOKO	009S	005E	L	0	0	0	0
INNOKO	008S	006E	L	0	0	0	0
INNOKO	009S	007E	L	0	0	0	0
INNOKO	032N	048W	L	0	0	0	0
INNOKO	033N	054W	L	0	0	0	0
KANUTI	021N	018W	L	440	0	0	0
KANUTI	020N	019W	L	90	0	0	0
KANUTI	021N	019W	L	125	0	0	0
KANUTI	023N	019W	L	160	17395	0	0
KANUTI	020N	020W	L	535	454	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
KANUTI	020N	021W	L	535	0	0	0
KANUTI	020N	022W	L	220	22760	0	0
KANUTI	017N	023W	L	40	0	0	0
KODIAK	027S	026W	L	0	0	0	1
KODIAK	037S	028W	L	0	3122	0	0
KODIAK	037S	029W	L	0	1872	0	77
KODIAK	038S	029W	L	720	19942	0	0
KODIAK	039S	029W	L	30	1564	0	0
KODIAK	032S	030W	L	0	633	0	0
KODIAK	036S	030W	L	0	640	0	0
KODIAK	039S	030W	L	160	19438	0	0
KENAI	007N	004W	L	0	636	0	0
KENAI	007N	005W	L	0	2560	0	0
KENAI	009N	005W	L	0	1273	0	0
KENAI	004N	006W	L	0	15	0	0
KENAI	009N	006W	L	0	640	0	0
KENAI	010N	006W	L	0	10870	0	0
KENAI	003N	007W	L	0	6400	0	0
KENAI	004N	007W	L	0	2620	0	86
KENAI	010N	007W	L	0	5745	0	0
KENAI	001N	008W	L	0	14080	0	0
KENAI	002N	008W	L	0	13386	0	0
KENAI	003N	008W	L	0	6331	0	0
KENAI	004N	008W	L	0	1280	0	0
KENAI	002N	009W	L	0	8320	0	0
KENAI	003N	009W	L	0	22247	0	0
KENAI	004N	009W	L	0	3805	0	0
KENAI	008N	009W	L	0	640	0	0
KENAI	001N	010W	L	0	6385	0	0
KENAI	003N	010W	L	0	12051	0	0
KENAI	004N	010W	L	0	11421	0	0
KENAI	003N	011W	L	0	5760	0	0
KENAI	001S	008W	L	0	1907	0	0
KENAI	001S	009W	L	0	13922	0	0
KENAI	002S	009W	L	0	13289	0	0
KENAI	001S	010W	L	0	16542	0	0
KOYUKUK	008N	013E	L	0	5758	0	0
KOYUKUK	001S	004E	L	0	10400	0	0
NOWITNA	006S	025E	L	0	0	8960	0
NOWITNA	007S	025E	L	0	0	21652	0
NOWITNA	006S	026E	L	0	0	22853	0
NOWITNA	005S	027E	L	0	0	12679	0
SELAWIK	014N	005W	L	0	2178	0	0
SELAWIK	011N	007W	L	60	10398	0	0
SELAWIK	012N	007W	L	120	827	0	0
SELAWIK	016N	008W	L	80	1840	0	0
SELAWIK	016N	009W	L	0	2514	0	0
SELAWIK	015N	012W	L	0	1245	0	0
TETLIN	012N	020E	L	0	0	8212	0
YUKON DELTA	026S	018W	L	0	3053	0	0
YUKON DELTA	023S	019W	L	130	5265	0	0
YUKON DELTA	024S	019W	L	740	17773	0	0
YUKON DELTA	026S	019W	L	160	20281	0	0
YUKON DELTA	024S	020W	L	50	15	0	0
YUKON DELTA	025S	020W	L	196	7680	0	0
YUKON DELTA	026S	020W	L	520	0	0	0
YUKON DELTA	026S	021W	L	535	10	0	0
YUKON DELTA	026S	022W	L	380	3	0	0
YUKON DELTA	028S	023W	L	332	9249	0	0
YUKON DELTA	029S	024W	L	266	3373	0	0
YUKON DELTA	028S	025W	L	36	640	0	0
YUKON DELTA	029S	025W	L	3	562	0	0
YUKON DELTA	007N	061W	L	0	5	0	0
YUKON DELTA	007N	062W	L	0	3	0	0
YUKON DELTA	011N	062W	L	0	10724	0	0
YUKON DELTA	007N	063W	L	160	0	0	0
YUKON DELTA	008N	063W	L	480	0	0	0
YUKON DELTA	007N	064W	L	160	0	0	0
YUKON DELTA	008N	064W	L	1000	5	0	0
YUKON DELTA	008N	065W	L	840	0	0	0
YUKON DELTA	012N	065W	L	763	22731	0	0
YUKON DELTA	011N	066W	L	1876	16815	0	0
YUKON DELTA	012N	066W	L	1703	19813	156	0
YUKON DELTA	006N	067W	L	0	14720	0	0
YUKON DELTA	007N	067W	L	80	12800	0	0
YUKON DELTA	011N	067W	L	190	17341	0	0
YUKON DELTA	012N	067W	L	40	17240	0	0
YUKON DELTA	010N	068W	L	145	12738	0	0
YUKON DELTA	011N	068W	L	379	22892	0	0
YUKON DELTA	012N	068W	L	160	17009	0	0
YUKON DELTA	013N	068W	L	265	100	0	0
YUKON DELTA	024N	068W	L	40	0	0	0
YUKON DELTA	006N	069W	L	120	21027	0	0
YUKON DELTA	007N	069W	L	211	10745	0	0
YUKON DELTA	010N	069W	L	960	16424	0	0
YUKON DELTA	012N	069W	L	320	20526	0	0
YUKON DELTA	021N	069W	L	10	8942	0	0
YUKON DELTA	022N	069W	L	340	10693	0	0
YUKON DELTA	024N	069W	L	40	0	0	0
YUKON DELTA	005N	070W	L	0	21089	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	006N	070W	L	0	7040	0	0
YUKON DELTA	007N	070W	L	0	10240	0	0
YUKON DELTA	014N	070W	L	282	20	0	0
YUKON DELTA	017N	070W	L	0	639	0	0
YUKON DELTA	021N	070W	L	0	1910	0	0
YUKON DELTA	022N	070W	L	650	8839	0	0
YUKON DELTA	001N	071W	L	35	0	0	0
YUKON DELTA	005N	071W	L	0	1560	0	0
YUKON DELTA	009N	071W	L	500	21087	220	0
YUKON DELTA	010N	071W	L	1242	22944	0	0
YUKON DELTA	021N	071W	L	0	2542	0	0
YUKON DELTA	022N	071W	L	0	7014	0	0
YUKON DELTA	008N	072W	L	2340	8810	8491	0
YUKON DELTA	009N	072W	L	500	23008	0	0
YUKON DELTA	010N	072W	L	0	21908	0	0
YUKON DELTA	011N	072W	L	220	11304	0	0
YUKON DELTA	012N	072W	L	420	60	0	0
YUKON DELTA	021N	072W	L	0	1280	0	0
YUKON DELTA	022N	072W	L	116	3180	0	0
YUKON DELTA	007N	073W	L	70	3840	0	0
YUKON DELTA	008N	073W	L	1960	19122	0	0
YUKON DELTA	009N	073W	L	469	6770	0	0
YUKON DELTA	010N	073W	L	1000	10720	0	0
YUKON DELTA	011N	073W	L	440	13169	0	0
YUKON DELTA	012N	073W	L	600	45	0	0
YUKON DELTA	021N	073W	L	100	5018	0	0
YUKON DELTA	034N	073W	L	0	3023	0	0
YUKON DELTA	012N	074W	L	640	43	0	0
YUKON DELTA	020N	074W	L	420	7598	0	0
YUKON DELTA	021N	074W	L	750	15435	0	0
YUKON DELTA	022N	074W	L	2123	17057	0	0
YUKON DELTA	033N	074W	L	497	17254	0	0
YUKON DELTA	034N	074W	L	226	3630	0	0
YUKON DELTA	020N	075W	L	2145	18336	0	0
YUKON DELTA	021N	075W	L	833	12233	0	0
YUKON DELTA	022N	075W	L	21	8279	0	0
YUKON DELTA	020N	076W	L	549	18418	0	0
YUKON DELTA	028N	078W	L	162	50	0	0
YUKON DELTA	029N	078W	L	80	0	0	0
YUKON DELTA	019N	082W	L	125	20	0	0
YUKON DELTA	016N	083W	L	0	4812	0	0
YUKON DELTA	021N	083W	L	0	9792	0	0
YUKON DELTA	022N	083W	L	60	1240	0	0
YUKON DELTA	021N	085W	L	80	10811	0	0
YUKON DELTA	022N	085W	L	35	4960	0	0
YUKON DELTA	017N	091W	L	20	619	0	0
YUKON DELTA	018N	091W	L	0	90	0	0
YUKON DELTA	019N	091W	L	70	11880	0	0
YUKON DELTA	017N	092W	L	0	1740	0	0
YUKON DELTA	018N	093W	L	0	2035	0	0
YUKON DELTA	020N	093W	L	0	240	0	0
YUKON DELTA	016N	094W	L	0	1305	0	0
YUKON FLATS	026N	004E	L	160	0	0	0
YUKON FLATS	025N	005E	L	260	0	0	0
YUKON FLATS	026N	005E	L	60	0	0	0
YUKON FLATS	028N	013E	L	160	0	0	0
YUKON FLATS	013N	015E	L	40	0	0	0
YUKON FLATS	014N	015E	L	40	0	0	0
YUKON FLATS	013N	016E	L	40	17241	0	0
YUKON FLATS	014N	016E	L	0	3096	0	0
YUKON FLATS	030N	016E	L	160	0	0	0
YUKON FLATS	013N	017E	L	0	639	0	0
YUKON FLATS	019N	021E	L	0	22230	0	0
YUKON FLATS	020N	021E	L	0	17164	0	0
AK PENINSULA	030S	043W	L	0	1724	10960	0
AK PENINSULA	034S	046W	L	0	7040	0	0
AK PENINSULA	037S	048W	L	0	20124	0	0
AK PENINSULA	038S	048W	L	0	1794	0	0
AK PENINSULA	038S	049W	L	0	8285	0	0
AK PENINSULA	041S	055W	L	0	0	10957	0
AK PENINSULA	042S	055W	L	0	6370	17701	0
AK PENINSULA	046S	060W	L	0	8537	0	0
AK PENINSULA	052S	078W	L	0	23014	0	0
AK PENINSULA	053S	079W	L	0	9971	0	0
AK PENINSULA	060S	092W	L	0	20121	12407	10
AK PENINSULA	060S	093W	L	0	1223	0	0
AK PENINSULA	061S	093W	L	0	21343	0	16
AK PENINSULA	061S	094W	L	0	2045	0	34
ARCTIC	007N	030E	L	40	0	0	0
ARCTIC	008N	032E	L	0	2510	0	0
ARCTIC	008N	033E	L	0	591	0	0
ARCTIC	008N	035E	L	20	10690	0	0
ARCTIC	015S	022E	L	0	50	0	0
ARCTIC	015S	025E	L	80	0	0	0
ARCTIC	015S	027E	L	0	1240	0	0
ARCTIC	015S	028E	L	0	502	0	0
ARCTIC	007S	030E	L	0	320	0	0
ARCTIC	012S	030E	L	0	320	0	0
ARCTIC	012S	035E	L	0	240	0	0
INNOKO	026S	003W	L	0	0	0	0
INNOKO	026S	004W	L	0	0	0	0
INNOKO	010S	006E	L	0	0	0	0
INNOKO	032N	049W	L	0	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
KANUTI	024N	018W	L	0	7594	0	0
KANUTI	016N	021W	L	45	12211	0	0
KANUTI	016N	022W	L	20	0	0	0
KANUTI	017N	022W	L	123	0	0	0
KODIAK	027S	024W	L	65	3565	14758	0
KODIAK	036S	029W	L	0	995	0	3
KODIAK	033S	030W	L	0	595	0	0
KODIAK	034S	031W	L	0	19917	0	0
KODIAK	036S	032W	L	0	1916	0	0
KODIAK	032S	033W	L	0	5754	0	0
KENAI	009N	004W	L	0	640	0	0
KENAI	010N	005W	L	0	25	0	0
KENAI	001N	011W	L	0	6400	0	0
KENAI	004N	011W	L	0	1280	720	0
KOYUKUK	007N	011E	L	0	0	6400	0
KOYUKUK	003S	004E	L	0	10720	0	0
NOWITNA	005S	028E	L	0	0	18290	0
SELAWIK	016N	004W	L	40	19560	0	0
SELAWIK	016N	005W	L	957	22497	0	0
SELAWIK	016N	006W	L	170	9430	0	0
SELAWIK	017N	006W	L	0	19172	0	0
SELAWIK	017N	007W	L	0	2560	0	0
SELAWIK	014N	008W	L	0	614	0	0
SELAWIK	015N	008W	L	0	1252	0	0
SELAWIK	014N	009W	L	0	3200	0	0
SELAWIK	015N	009W	L	0	11316	0	0
TETLIN	012N	018E	L	0	17770	0	0
YUKON DELTA	028S	024W	L	44	1285	0	0
YUKON DELTA	009N	061W	L	200	0	0	0
YUKON DELTA	010N	061W	L	0	1264	0	0
YUKON DELTA	009N	062W	L	320	0	0	0
YUKON DELTA	010N	062W	L	160	2560	0	0
YUKON DELTA	010N	063W	L	0	40	0	0
YUKON DELTA	011N	063W	L	0	4480	0	0
YUKON DELTA	006N	064W	L	80	0	0	0
YUKON DELTA	006N	065W	L	315	0	0	0
YUKON DELTA	011N	065W	L	85	5060	12587	0
YUKON DELTA	010N	067W	L	160	1882	0	0
YUKON DELTA	028N	067W	L	0	110	0	0
YUKON DELTA	001N	068W	L	40	0	0	0
YUKON DELTA	001N	069W	L	10	0	0	0
YUKON DELTA	005N	069W	L	0	12773	0	0
YUKON DELTA	011N	069W	L	397	22385	0	0
YUKON DELTA	013N	069W	L	495	0	0	0
YUKON DELTA	001N	070W	L	30	0	0	0
YUKON DELTA	009N	070W	L	0	3816	0	0
YUKON DELTA	010N	070W	L	0	22945	0	0
YUKON DELTA	011N	070W	L	0	18261	0	0
YUKON DELTA	012N	070W	L	960	6410	0	0
YUKON DELTA	013N	070W	L	395	70	0	0
YUKON DELTA	015N	070W	L	160	3900	0	0
YUKON DELTA	012N	071W	L	160	0	0	0
YUKON DELTA	013N	071W	L	1490	20	0	0
YUKON DELTA	013N	073W	L	200	3	0	0
YUKON DELTA	033N	073W	L	0	17184	0	0
YUKON DELTA	013N	074W	L	160	5	0	0
YUKON DELTA	023N	077W	L	73	11435	960	0
YUKON DELTA	021N	080W	L	40	20905	0	0
YUKON DELTA	021N	081W	L	200	19972	0	0
YUKON DELTA	021N	084W	L	253	8569	0	0
YUKON DELTA	022N	084W	L	105	10079	0	0
YUKON DELTA	023N	085W	L	0	3492	0	0
YUKON DELTA	024N	085W	L	0	260	0	0
YUKON DELTA	023N	086W	L	40	3180	0	0
YUKON DELTA	002S	069W	L	40	0	0	0
YUKON DELTA	001S	070W	L	60	0	0	0
YUKON DELTA	002S	070W	L	0	10	0	0
YUKON DELTA	001S	071W	L	40	0	0	0
YUKON FLATS	011N	005E	L	0	0	0	18
YUKON FLATS	022N	005E	L	80	0	0	0
YUKON FLATS	018N	014E	L	0	1920	0	0
YUKON FLATS	021N	021E	L	0	1919	0	0
YUKON FLATS	022N	021E	L	0	16591	0	0
YUKON FLATS	013N	005W	L	0	6399	0	0
AK PENINSULA	031S	043W	L	0	18987	22819	0
AK PENINSULA	032S	043W	L	10	4172	0	7
AK PENINSULA	032S	044W	L	30	16118	0	0
AK PENINSULA	033S	044W	L	0	7253	0	0
AK PENINSULA	034S	044W	L	0	9225	0	0
AK PENINSULA	035S	044W	L	0	7986	0	0
AK PENINSULA	031S	045W	L	0	5099	5099	0
AK PENINSULA	034S	045W	L	0	19110	0	0
AK PENINSULA	035S	045W	L	0	22546	0	0
AK PENINSULA	036S	045W	L	0	12826	0	0
AK PENINSULA	036S	046W	L	0	17662	0	0
AK PENINSULA	037S	046W	L	0	5685	0	0
AK PENINSULA	036S	047W	L	0	14438	21323	0
AK PENINSULA	037S	047W	L	0	10569	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
AK PENINSULA	038S	047W	L	0	1867	0	6
AK PENINSULA	037S	049W	L	0	23984	0	0
AK PENINSULA	037S	050W	L	0	23984	0	0
AK PENINSULA	038S	050W	L	0	10957	6477	0
AK PENINSULA	043S	054W	L	0	485	0	0
AK PENINSULA	043S	055W	L	0	2045	0	0
AK PENINSULA	042S	057W	L	0	12707	0	0
AK PENINSULA	043S	058W	L	0	5386	0	316
AK PENINSULA	043S	059W	L	0	22321	0	0
AK PENINSULA	044S	059W	L	0	9573	0	0
AK PENINSULA	048S	061W	L	160	0	15254	0
AK PENINSULA	049S	062W	L	0	3298	0	0
AK PENINSULA	048S	063W	L	0	14713	0	0
AK PENINSULA	049S	063W	L	160	14410	0	0
AK PENINSULA	049S	064W	L	1	18352	0	0
AK PENINSULA	049S	065W	L	0	22621	0	0
AK PENINSULA	050S	065W	L	71	4064	0	0
AK PENINSULA	049S	066W	L	136	21634	0	3
AK PENINSULA	050S	066W	L	160	14016	0	0
AK PENINSULA	049S	067W	L	0	17135	0	0
AK PENINSULA	050S	067W	L	230	16637	0	0
AK PENINSULA	049S	068W	L	0	22862	0	0
AK PENINSULA	050S	068W	L	50	9653	0	0
ARCTIC	003N	024E	L	0	0	17724	0
ARCTIC	001N	029E	L	160	0	0	0
ARCTIC	011S	025E	L	160	0	0	0
ARCTIC	012S	025E	L	80	0	0	0
ARCTIC	016S	025E	L	0	640	0	0
ARCTIC	011S	026E	L	0	160	0	0
ARCTIC	012S	026E	L	0	160	0	0
ARCTIC	007S	027E	L	0	640	0	0
ARCTIC	014S	027E	L	0	320	0	0
ARCTIC	010S	028E	L	220	0	0	0
ARCTIC	011S	028E	L	100	640	0	0
ARCTIC	014S	028E	L	0	10	0	0
ARCTIC	008S	029E	L	80	0	0	0
ARCTIC	010S	029E	L	160	0	0	0
ARCTIC	012S	029E	L	0	320	0	0
ARCTIC	004S	031E	L	40	0	0	0
ARCTIC	009S	033E	L	0	160	0	0
KANUTI	016N	023W	L	120	0	0	0
KODIAK	034S	027W	L	0	0	0	80
KENAI	001S	011W	L	0	1287	0	0
NOWITNA	008S	020E	L	0	0	7675	0
NOWITNA	006S	027E	L	0	0	22853	0
SELAWIK	018N	002E	L	160	0	0	0
SELAWIK	018N	001W	L	40	0	0	0
SELAWIK	015N	004W	L	0	451	0	0
SELAWIK	015N	005W	L	742	13240	0	0
SELAWIK	015N	010W	L	0	6765	0	0
SELAWIK	015N	011W	L	3	5600	0	0
TETLIN	012N	021E	L	0	0	606	0
TOGIAK	017S	076W	L	0	4	0	0
YUKON DELTA	025S	019W	L	510	22160	0	0
YUKON DELTA	029S	023W	L	80	1687	0	0
YUKON DELTA	019N	060W	L	160	618	0	0
YUKON DELTA	020N	060W	L	80	0	0	0
YUKON DELTA	011N	061W	L	0	7204	0	0
YUKON DELTA	017N	061W	L	30	1033	0	0
YUKON DELTA	018N	061W	L	382	3790	0	0
YUKON DELTA	019N	061W	L	220	1280	0	0
YUKON DELTA	020N	061W	L	80	0	0	0
YUKON DELTA	021N	061W	L	800	170	0	0
YUKON DELTA	017N	062W	L	700	11719	0	0
YUKON DELTA	018N	062W	L	0	640	0	0
YUKON DELTA	019N	062W	L	30	0	0	0
YUKON DELTA	020N	062W	L	320	0	0	0
YUKON DELTA	021N	062W	L	160	10	0	0
YUKON DELTA	016N	063W	L	0	1839	0	0
YUKON DELTA	017N	063W	L	405	3840	0	0
YUKON DELTA	018N	063W	L	515	0	0	0
YUKON DELTA	019N	063W	L	330	0	0	0
YUKON DELTA	017N	064W	L	260	0	0	0
YUKON DELTA	018N	064W	L	160	0	0	0
YUKON DELTA	017N	065W	L	285	0	0	0
YUKON DELTA	009N	066W	L	131	6390	0	0
YUKON DELTA	010N	066W	L	0	1280	0	0
YUKON DELTA	017N	066W	L	240	0	0	0
YUKON DELTA	008N	067W	L	0	2525	0	0
YUKON DELTA	004N	070W	L	160	0	0	0
YUKON DELTA	014N	071W	L	480	40	0	0
YUKON DELTA	015N	071W	L	240	0	0	0
YUKON DELTA	014N	072W	L	0	20	0	0
YUKON DELTA	015N	072W	L	320	0	0	0
YUKON DELTA	032N	073W	L	40	0	0	0
YUKON DELTA	032N	074W	L	170	14486	0	0
YUKON DELTA	032N	075W	L	70	7680	0	0
YUKON DELTA	021N	076W	L	305	15986	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	022N	076W	L	191	10079	0	0
YUKON DELTA	023N	076W	L	559	16790	1450	80
YUKON DELTA	022N	077W	L	0	10549	0	0
YUKON DELTA	021N	078W	L	0	3985	0	0
YUKON DELTA	022N	078W	L	220	2615	0	0
YUKON DELTA	023N	078W	L	787	6107	0	0
YUKON DELTA	020N	079W	L	275	42	0	0
YUKON DELTA	020N	080W	L	70	10	0	0
YUKON DELTA	025N	080W	L	120	0	0	0
YUKON DELTA	018N	081W	L	812	0	0	0
YUKON DELTA	020N	081W	L	200	300	0	0
YUKON DELTA	022N	081W	L	150	9095	0	0
YUKON DELTA	023N	081W	L	90	9570	0	0
YUKON DELTA	024N	081W	L	0	1075	0	0
YUKON DELTA	018N	082W	L	540	120	0	0
YUKON DELTA	021N	082W	L	0	50	0	0
YUKON DELTA	023N	082W	L	80	0	0	0
YUKON DELTA	024N	083W	L	90	83	0	0
YUKON DELTA	025N	083W	L	90	66	0	0
YUKON DELTA	026N	083W	L	90	2348	0	0
YUKON DELTA	027N	083W	L	0	3282	0	0
YUKON DELTA	026N	084W	L	231	1689	0	0
YUKON DELTA	027N	084W	L	40	1865	0	0
YUKON DELTA	020N	086W	L	35	1845	0	0
YUKON DELTA	002S	072W	L	40	0	0	0
YUKON FLATS	023N	005E	L	400	0	0	0
YUKON FLATS	030N	018E	L	5	0	0	0
YUKON FLATS	021N	019E	L	0	640	0	0
YUKON FLATS	019N	020E	L	0	6315	0	0
YUKON FLATS	020N	020E	L	0	21462	0	0
YUKON FLATS	021N	020E	L	0	6396	0	0
YUKON FLATS	022N	020E	L	0	640	0	0
YUKON FLATS	023N	020E	L	0	1870	0	0
YUKON FLATS	023N	021E	L	0	15235	0	0
YUKON FLATS	012N	006W	L	40	18311	0	0
YUKON FLATS	012N	008W	L	0	11439	0	0
AK MARITIME	061S	090W	L	0	150	0	0
AK PENINSULA	031S	042W	L	0	6177	11606	0
AK PENINSULA	032S	042W	L	0	0	1935	0
AK PENINSULA	037S	051W	L	0	5800	0	0
AK PENINSULA	048S	062W	L	0	8326	0	0
AK PENINSULA	051S	066W	L	1	557	0	0
AK PENINSULA	058S	088W	L	0	1884	0	0
AK PENINSULA	060S	088W	L	0	2552	0	0
AK PENINSULA	058S	089W	L	0	7510	0	0
ARCTIC	002N	024E	L	0	0	17113	0
ARCTIC	007N	032E	L	0	640	0	0
ARCTIC	008N	034E	L	0	2559	0	0
ARCTIC	015S	013E	L	0	0	9562	0
ARCTIC	015S	014E	L	0	0	6343	0
BECHAROF	030S	042W	L	0	1280	5097	0
BECHAROF	029S	043W	L	0	13570	0	0
BECHAROF	030S	043W	L	0	3980	8790	0
IZEMBEK	058S	089W	L	0	9948	0	5
KANUTI	022N	018W	L	0	22589	0	0
KANUTI	024N	019W	L	0	4668	0	0
KANUTI	018N	022W	L	0	11624	0	0
KODIAK	028S	025W	L	0	778	0	49
KODIAK	028S	026W	L	24	0	0	16
KODIAK	030S	028W	L	0	0	0	6
KODIAK	033S	028W	L	0	355	0	0
KENAI	002S	010W	L	0	3200	0	0
SELAWIK	018N	007W	L	160	6915	0	0
YUKON DELTA	028S	015W	L	0	350	0	0
YUKON DELTA	026S	016W	L	0	1360	0	0
YUKON DELTA	029S	016W	L	40	0	0	0
YUKON DELTA	026S	017W	L	0	22869	0	0
YUKON DELTA	023S	018W	L	0	627	0	0
YUKON DELTA	024S	018W	L	700	11485	0	0
YUKON DELTA	025S	018W	L	0	18960	0	0
YUKON DELTA	027S	022W	L	220	0	0	0
YUKON DELTA	027S	023W	L	40	40	0	0
YUKON DELTA	015N	057W	L	0	10820	0	0
YUKON DELTA	016N	057W	L	15	5080	0	0
YUKON DELTA	015N	058W	L	160	1249	0	0
YUKON DELTA	016N	058W	L	310	14498	0	0
YUKON DELTA	015N	059W	L	320	640	0	0
YUKON DELTA	016N	059W	L	320	13440	0	0
YUKON DELTA	015N	060W	L	930	2529	0	0
YUKON DELTA	016N	060W	L	320	10154	0	0
YUKON DELTA	015N	061W	L	200	9771	0	0
YUKON DELTA	016N	064W	L	0	2560	0	0
YUKON DELTA	019N	064W	L	452	60	0	0
YUKON DELTA	020N	064W	L	305	0	0	0
YUKON DELTA	009N	065W	L	320	1920	0	0
YUKON DELTA	015N	065W	L	120	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	016N	065W	L	120	0	0	0
YUKON DELTA	018N	065W	L	40	0	0	0
YUKON DELTA	019N	065W	L	100	120	0	0
YUKON DELTA	015N	066W	L	80	40	0	0
YUKON DELTA	016N	066W	L	405	30	0	0
YUKON DELTA	006N	068W	L	0	1596	0	0
YUKON DELTA	022N	073W	L	0	2497	0	0
YUKON DELTA	025N	075W	L	0	23006	0	0
YUKON DELTA	031N	075W	L	40	7680	0	0
YUKON DELTA	024N	076W	L	0	16000	0	0
YUKON DELTA	025N	076W	L	0	23007	0	0
YUKON DELTA	025N	077W	L	0	12160	0	0
YUKON DELTA	024N	078W	L	360	19768	0	0
YUKON DELTA	029N	080W	L	145	3199	0	0
YUKON DELTA	025N	081W	L	20	0	0	0
YUKON DELTA	028N	081W	L	240	20889	0	0
YUKON DELTA	026N	082W	L	120	20	0	0
YUKON DELTA	027N	082W	L	358	10	0	0
YUKON DELTA	028N	082W	L	0	8960	0	0
YUKON DELTA	017N	084W	L	0	7290	0	0
YUKON DELTA	018N	084W	L	0	3185	0	0
YUKON DELTA	020N	085W	L	40	4888	0	0
YUKON DELTA	008N	088W	L	3	0	0	0
YUKON DELTA	019N	089W	L	115	9267	0	0
YUKON DELTA	020N	089W	L	160	6147	0	0
YUKON DELTA	019N	090W	L	980	7783	0	0
YUKON DELTA	020N	090W	L	80	16072	0	0
YUKON DELTA	020N	091W	L	618	8366	0	0
YUKON DELTA	019N	092W	L	0	10415	0	0
YUKON FLATS	020N	004E	L	0	3052	0	0
YUKON FLATS	019N	014E	L	0	1280	0	0
YUKON FLATS	017N	020E	L	0	0	1920	0
YUKON FLATS	022N	024E	L	40	0	0	0
YUKON FLATS	021N	003W	L	70	0	0	0
AK MARITIME	058S	068W	L	0	40000	0	0
AK MARITIME	062S	070W	L	0	4200	0	0
AK PENINSULA	036S	049W	L	0	23013	0	0
AK PENINSULA	043S	057W	L	0	2190	0	0
AK PENINSULA	052S	066W	L	79	2328	0	0
AK PENINSULA	053S	067W	L	0	1245	0	0
AK PENINSULA	053S	068W	L	0	6441	0	0
AK PENINSULA	056S	082W	L	0	17125	0	0
AK PENINSULA	057S	083W	L	0	8626	0	0
AK PENINSULA	057S	084W	L	0	17141	0	0
AK PENINSULA	058S	085W	L	0	15603	0	13
AK PENINSULA	059S	085W	L	0	5971	0	0
AK PENINSULA	062S	093W	L	0	3744	0	0
AK PENINSULA	062S	094W	L	0	2058	2058	11
ARCTIC	035N	001W	L	0	0	2103	0
ARCTIC	015S	017E	L	0	0	9593	0
ARCTIC	002S	024E	L	0	17679	0	0
INNOKO	020S	003W	L	0	0	0	0
INNOKO	021S	003W	L	0	0	0	0
INNOKO	020S	004W	L	0	0	0	0
INNOKO	021S	004W	L	0	0	0	0
INNOKO	023S	004W	L	0	0	0	0
INNOKO	024S	005W	L	0	0	0	0
INNOKO	025S	005W	L	0	0	0	0
INNOKO	026S	006W	L	0	0	0	0
INNOKO	027S	006W	L	0	0	0	0
INNOKO	029S	007W	L	0	0	0	0
INNOKO	033N	056W	L	0	0	0	0
INNOKO	032N	057W	L	0	0	0	0
INNOKO	033N	057W	L	0	0	0	0
KANUTI	015N	020W	L	200	0	0	0
KANUTI	018N	020W	L	20	0	0	0
KANUTI	017N	021W	L	320	0	0	0
KANUTI	018N	021W	L	161	0	0	0
KANUTI	019N	021W	L	160	0	0	0
KANUTI	021N	022W	L	0	18548	0	0
KODIAK	040S	030W	L	0	85	0	0
KODIAK	031S	032W	L	0	1279	0	0
KENAI	001N	009W	L	0	1280	0	0
KENAI	002S	008W	L	0	614	0	0
KENAI	003S	009W	L	0	621	0	0
NOWITNA	009S	019E	L	0	22733	0	0
SELAWIK	009N	002W	L	80	0	0	0
SELAWIK	018N	006W	L	464	22064	0	0
SELAWIK	019N	006W	L	104	1734	0	0
TOGIAK	004S	073W	L	60	3836	0	0
TOGIAK	005S	074W	L	1022	7428	60	0
YUKON DELTA	027S	018W	L	0	9558	0	0
YUKON DELTA	017N	058W	L	0	3199	0	0
YUKON DELTA	017N	059W	L	0	2560	0	0
YUKON DELTA	014N	060W	L	303	5719	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	016N	061W	L	0	5760	2560	0
YUKON DELTA	011N	064W	L	585	20	0	0
YUKON DELTA	012N	064W	L	0	1628	0	0
YUKON DELTA	013N	067W	L	895	116	0	0
YUKON DELTA	021N	068W	L	80	1262	0	0
YUKON DELTA	022N	068W	L	0	1268	0	0
YUKON DELTA	023N	069W	L	20	0	0	0
YUKON DELTA	025N	071W	L	40	0	0	0
YUKON DELTA	031N	071W	L	40	0	0	0
YUKON DELTA	023N	074W	L	0	9538	0	0
YUKON DELTA	023N	075W	L	10	7680	0	0
YUKON DELTA	024N	075W	L	39	7485	0	0
YUKON DELTA	033N	075W	L	388	7015	0	0
YUKON DELTA	032N	076W	L	240	15096	0	0
YUKON DELTA	033N	076W	L	0	7040	0	0
YUKON DELTA	021N	077W	L	290	21072	0	0
YUKON DELTA	028N	077W	L	80	20	0	0
YUKON DELTA	020N	078W	L	460	154	0	0
YUKON DELTA	021N	079W	L	0	9	0	0
YUKON DELTA	022N	079W	L	32	8711	0	0
YUKON DELTA	024N	079W	L	795	4955	0	0
YUKON DELTA	017N	080W	L	80	0	0	0
YUKON DELTA	022N	080W	L	285	18881	0	0
YUKON DELTA	026N	080W	L	110	0	0	0
YUKON DELTA	017N	081W	L	280	20	0	0
YUKON DELTA	017N	082W	L	160	70	0	0
YUKON DELTA	019N	088W	L	385	20	0	0
YUKON FLATS	025N	001W	L	0	40	0	0
AK MARITIME	046S	048W	L	0	7750	0	0
AK MARITIME	049S	062W	L	0	130	0	0
AK MARITIME	051S	062W	L	0	130	0	0
AK MARITIME	057S	067W	L	0	25	0	0
AK MARITIME	059S	067W	L	0	200	0	0
AK MARITIME	060S	071W	L	0	450	0	0
AK PENINSULA	032S	048W	L	0	3200	0	0
AK PENINSULA	044S	058W	L	80	1273	0	7
AK PENINSULA	044S	060W	L	0	23013	0	0
AK PENINSULA	045S	063W	L	0	22859	0	0
AK PENINSULA	051S	067W	L	2	0	0	0
AK PENINSULA	052S	067W	L	78	4840	0	0
AK PENINSULA	049S	069W	L	0	22862	0	0
AK PENINSULA	050S	069W	L	0	21922	21922	0
AK PENINSULA	050S	071W	L	0	17018	17018	0
AK PENINSULA	051S	071W	L	0	19342	19342	0
AK PENINSULA	051S	074W	L	40	0	14473	95
AK PENINSULA	053S	077W	L	0	22864	0	0
AK PENINSULA	054S	077W	L	0	22912	0	0
AK PENINSULA	053S	078W	L	0	20736	0	0
AK PENINSULA	054S	078W	L	0	22008	0	0
AK PENINSULA	053S	080W	L	0	469	0	0
AK PENINSULA	053S	081W	L	0	10713	0	0
AK PENINSULA	058S	084W	L	0	19001	0	0
ARCTIC	014S	015E	L	0	0	1279	0
ARCTIC	014S	016E	L	0	0	640	0
ARCTIC	014S	017E	L	0	0	640	0
ARCTIC	002S	023E	L	0	5116	0	0
ARCTIC	006S	047E	L	0	473	0	0
ARCTIC	010S	047E	L	0	2080	0	0
INNOKO	032N	054W	L	0	0	0	0
KANUTI	020N	018W	L	120	0	0	0
KANUTI	019N	023W	L	40	22839	0	0
KANUTI	020N	023W	L	640	22720	0	0
KODIAK	033S	024W	L	0	0	2530	0
KODIAK	027S	027W	L	160	0	0	2
KODIAK	028S	028W	L	0	21715	0	5
KODIAK	031S	033W	L	0	3883	0	0
KENAI	005S	007W	L	0	22226	0	0
KOYUKUK	008N	008E	L	0	640	0	0
KOYUKUK	002N	010E	L	0	1280	0	0
KOYUKUK	008N	010E	L	0	8217	0	0
KOYUKUK	005N	023E	L	0	1630	0	0
KOYUKUK	005S	005E	L	0	19582	0	0
NOWITNA	008S	018E	L	0	4475	0	0
NOWITNA	011S	019E	L	0	22929	0	0
NOWITNA	005S	029E	L	0	9184	0	0
TOGIAK	015S	063W	L	633	36	0	0
YUKON DELTA	012N	061W	L	0	4448	0	0
YUKON DELTA	014N	061W	L	640	5120	0	0
YUKON DELTA	008N	062W	L	0	3	0	0
YUKON DELTA	013N	062W	L	0	15328	0	0
YUKON DELTA	014N	062W	L	0	40	0	0
YUKON DELTA	013N	063W	L	160	17223	0	0
YUKON DELTA	015N	064W	L	80	7063	0	0
YUKON DELTA	013N	065W	L	160	9567	0	0
YUKON DELTA	013N	066W	L	160	655	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	014N	067W	L	480	140	0	0
YUKON DELTA	015N	067W	L	120	150	0	0
YUKON DELTA	016N	067W	L	670	0	0	0
YUKON DELTA	014N	068W	L	350	90	0	0
YUKON DELTA	015N	069W	L	565	5052	0	0
YUKON DELTA	016N	069W	L	315	7467	0	0
YUKON DELTA	032N	071W	L	80	0	0	0
YUKON DELTA	024N	074W	L	0	12694	0	0
YUKON DELTA	025N	074W	L	0	16607	0	0
YUKON DELTA	032N	077W	L	240	8775	0	0
YUKON DELTA	031N	078W	L	0	2560	0	0
YUKON DELTA	032N	078W	L	160	1920	0	0
YUKON DELTA	019N	079W	L	840	65	0	0
YUKON DELTA	023N	080W	L	0	5482	0	0
YUKON DELTA	013N	083W	L	140	50	0	0
YUKON DELTA	017N	083W	L	0	3832	0	0
YUKON DELTA	014N	084W	L	0	5	0	0
YUKON DELTA	015N	084W	L	0	3555	0	0
YUKON DELTA	016N	084W	L	40	8432	0	0
YUKON FLATS	019N	001E	L	0	7004	0	0
YUKON FLATS	019N	002E	L	0	3766	0	0
YUKON FLATS	020N	002E	L	0	22763	0	0
YUKON FLATS	020N	003E	L	0	15069	0	0
YUKON FLATS	015N	006E	L	80	0	0	0
YUKON FLATS	011N	004W	L	0	0	1280	0
YUKON FLATS	023N	004W	L	120	0	0	0
YUKON FLATS	012N	009W	L	7	4434	0	0
AK PENINSULA	032S	047W	L	0	2553	0	0
AK PENINSULA	044S	057W	L	0	125	0	0
AK PENINSULA	045S	058W	L	43	18825	0	104
AK PENINSULA	045S	059W	L	20	12680	0	5
AK PENINSULA	043S	061W	L	0	640	0	0
AK PENINSULA	046S	062W	L	0	3791	0	0
AK PENINSULA	051S	069W	L	0	2375	1979	0
AK PENINSULA	050S	070W	L	0	22912	22912	0
AK PENINSULA	051S	070W	L	0	19447	19447	0
AK PENINSULA	052S	070W	L	0	4167	4167	0
AK PENINSULA	052S	071W	L	0	15887	15887	0
AK PENINSULA	050S	072W	L	0	1914	1836	0
AK PENINSULA	051S	072W	L	0	10579	9270	0
AK PENINSULA	050S	073W	L	0	0	15857	0
AK PENINSULA	051S	073W	L	0	0	22964	0
AK PENINSULA	050S	074W	L	815	0	15004	7
AK PENINSULA	052S	074W	L	0	11513	0	23
AK PENINSULA	053S	074W	L	0	19583	0	0
AK PENINSULA	054S	074W	L	0	5153	0	0
AK PENINSULA	050S	075W	L	119	0	15	16
AK PENINSULA	051S	075W	L	0	0	110	0
AK PENINSULA	053S	075W	L	0	20920	0	0
AK PENINSULA	054S	075W	L	0	18715	0	8
AK PENINSULA	055S	075W	L	0	35	0	0
AK PENINSULA	054S	076W	L	0	8183	0	0
AK PENINSULA	055S	076W	L	0	53	0	0
AK PENINSULA	055S	077W	L	0	10208	0	0
AK PENINSULA	054S	079W	L	0	21949	0	0
AK PENINSULA	054S	080W	L	0	2285	0	0
AK PENINSULA	055S	080W	L	0	6860	0	0
AK PENINSULA	054S	081W	L	0	3852	0	0
AK PENINSULA	055S	081W	L	0	8410	0	0
ARCTIC	031N	017E	L	0	0	18435	0
ARCTIC	024N	023E	L	0	22117	0	0
ARCTIC	025N	023E	L	0	640	0	0
ARCTIC	024N	024E	L	0	20891	0	0
ARCTIC	024N	028E	L	0	20379	0	0
ARCTIC	025N	029E	L	0	23000	0	0
ARCTIC	026N	029E	L	0	22917	0	0
ARCTIC	027N	029E	L	0	22235	0	0
ARCTIC	009N	034E	L	360	2245	0	0
ARCTIC	009S	015E	L	0	3198	0	0
BECHAROF	031S	042W	L	0	0	1025	0
INNOKO	017S	001W	L	0	0	0	0
INNOKO	018S	002W	L	0	0	0	0
INNOKO	018S	003W	L	0	0	0	0
INNOKO	019S	003W	L	0	0	0	0
INNOKO	025S	003W	L	0	0	0	0
KANUTI	023N	017W	L	80	20531	0	0
KANUTI	022N	022W	L	0	15359	0	0
KODIAK	034S	025W	L	0	2526	0	0
KODIAK	029S	028W	L	0	0	0	3
KODIAK	035S	028W	L	0	0	0	10
KODIAK	032S	031W	L	0	8314	0	0
KENAI	005S	008W	L	0	6560	0	0
YUKON DELTA	027S	021W	L	160	0	0	0
YUKON DELTA	015N	062W	L	0	1280	0	0
YUKON DELTA	014N	065W	L	0	190	0	0
YUKON DELTA	014N	066W	L	160	20	0	0
YUKON DELTA	018N	066W	L	0	1920	0	0
YUKON DELTA	015N	068W	L	240	70	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
YUKON DELTA	016N	068W	L	160	0	0	0
YUKON DELTA	014N	069W	L	958	23	0	0
YUKON DELTA	023N	073W	L	70	7606	0	0
YUKON DELTA	030N	076W	L	80	4122	0	0
YUKON DELTA	031N	076W	L	0	5056	0	0
YUKON DELTA	020N	077W	L	419	130	0	0
YUKON DELTA	030N	077W	L	500	11365	0	0
YUKON DELTA	031N	077W	L	220	3792	0	0
YUKON DELTA	023N	079W	L	357	2203	0	0
YUKON DELTA	019N	093W	L	0	10	0	0
YUKON FLATS	020N	001E	L	0	22678	0	0
YUKON FLATS	014N	014E	L	10	0	0	0
YUKON FLATS	020N	001W	L	0	15757	0	0
AK MARITIME	011S	025W	L	0	1100	0	0
AK PENINSULA	042S	058W	L	0	15962	0	0
AK PENINSULA	046S	059W	L	0	8526	0	0
AK PENINSULA	048S	064W	L	0	7677	0	0
AK PENINSULA	052S	072W	L	0	18526	18526	0
AK PENINSULA	053S	072W	L	0	642	642	0
AK PENINSULA	053S	073W	L	0	6130	11915	0
AK PENINSULA	054S	073W	L	0	7404	0	0
AK PENINSULA	056S	080W	L	0	772	0	0
ARCTIC	033N	014E	L	0	160	0	0
ARCTIC	006N	023E	L	0	0	2470	0
ARCTIC	014S	029E	L	480	1220	0	0
ARCTIC	015S	029E	L	80	2213	0	0
ARCTIC	016S	043E	L	0	160	0	0
BECHAROF	031S	043W	L	0	0	160	0
KANUTI	015N	018W	L	0	22203	0	0
KANUTI	022N	019W	L	0	1638	0	0
KODIAK	035S	026W	L	0	2119	0	0
KODIAK	033S	032W	L	0	22837	0	0
KOYUKUK	008N	014E	L	0	11767	0	0
KOYUKUK	006N	018E	L	0	13415	0	0
NOWITNA	004S	028E	L	0	0	640	0
SELAWIK	017N	005W	L	400	40	0	0
TETLIN	010N	018E	L	40	0	0	0
TOGIAK	014S	063W	L	80	0	0	0
TOGIAK	016S	063W	L	385	14	0	0
TOGIAK	016S	064W	L	160	0	0	0
TOGIAK	003S	066W	L	80	10	0	0
TOGIAK	004S	066W	L	0	10	0	0
TOGIAK	004S	067W	L	40	13	0	0
TOGIAK	005S	068W	L	240	18	0	0
TOGIAK	005S	069W	L	360	20	0	0
YUKON DELTA	028S	021W	L	80	0	0	0
YUKON DELTA	013N	064W	L	0	640	0	0
YUKON DELTA	017N	069W	L	160	4479	0	0
YUKON DELTA	016N	070W	L	0	15240	0	0
YUKON DELTA	019N	071W	L	120	80	0	0
YUKON DELTA	018N	072W	L	40	8	0	0
YUKON DELTA	019N	072W	L	40	70	0	0
YUKON DELTA	020N	072W	L	40	0	0	0
YUKON DELTA	020N	073W	L	274	3775	0	0
YUKON DELTA	029N	076W	L	80	0	0	0
YUKON DELTA	019N	077W	L	80	5	0	0
YUKON DELTA	029N	077W	L	70	0	0	0
YUKON DELTA	019N	078W	L	220	2	0	0
YUKON DELTA	018N	079W	L	600	0	0	0
YUKON FLATS	014N	013E	L	40	0	0	0
AK MARITIME	059S	081W	L	0	3500	0	0
AK MARITIME	060S	087W	L	0	300	0	0
AK PENINSULA	042S	059W	L	0	1920	0	0
AK PENINSULA	043S	060W	L	0	8945	1920	0
AK PENINSULA	059S	089W	L	0	20511	0	0
ARCTIC	029N	004E	L	160	1599	0	0
ARCTIC	030N	004E	L	80	0	0	0
ARCTIC	030N	005E	L	160	0	0	0
ARCTIC	032N	007E	L	105	0	0	0
ARCTIC	033N	007E	L	440	0	0	0
ARCTIC	034N	007E	L	160	40	0	0
ARCTIC	036N	007E	L	0	22683	0	0
ARCTIC	031N	013E	L	0	320	0	0
ARCTIC	007N	023E	L	0	0	2077	0
ARCTIC	004N	024E	L	0	0	15571	0
ARCTIC	007N	024E	L	0	0	25	0
ARCTIC	008N	024E	L	0	0	3054	0
ARCTIC	009N	024E	L	0	0	2108	0
ARCTIC	016S	027E	L	160	280	0	0
ARCTIC	015S	030E	L	539	7236	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
ARCTIC	016S	030E	L	658	0	0	0
ARCTIC	015S	031E	L	521	3081	0	0
ARCTIC	016S	031E	L	2481	8307	160	0
ARCTIC	016S	038E	L	0	0	135	0
ARCTIC	017S	038E	L	0	0	928	0
ARCTIC	012S	043E	L	0	22996	0	0
INNOKO	011S	009E	L	0	0	0	0
INNOKO	031N	046W	L	0	0	0	0
IZEMBEK	057S	087W	L	0	16594	0	0
IZEMBEK	059S	090W	L	0	12302	0	0
KANUTI	019N	022W	L	0	1845	0	0
KODIAK	034S	026W	L	0	1334	0	0
KODIAK	031S	031W	L	0	6307	0	0
KENAI	006S	010W	L	0	22891	0	0
KENAI	007S	010W	L	0	22950	0	0
KENAI	008S	010W	L	0	17249	0	0
KOYUKUK	008N	009E	L	0	1919	0	0
NOWITNA	002N	027W	L	0	0	7297	0
NOWITNA	006S	029E	L	0	0	9213	0
TOGIAK	008S	059W	L	0	0	17244	0
TOGIAK	012S	059W	L	0	5747	0	0
TOGIAK	012S	060W	L	0	7014	0	0
TOGIAK	013S	060W	L	0	8752	0	0
TOGIAK	014S	060W	L	0	18402	0	0
TOGIAK	015S	060W	L	0	3787	0	0
TOGIAK	012S	061W	L	0	0	3837	0
TOGIAK	013S	061W	L	0	5115	5115	0
TOGIAK	014S	061W	L	0	19120	0	0
TOGIAK	015S	061W	L	0	18470	0	0
TOGIAK	015S	062W	L	10	10	0	0
TOGIAK	007S	072W	L	280	8957	0	0
YUKON DELTA	027S	015W	L	40	0	0	0
YUKON DELTA	012N	063W	L	0	10880	0	0
YUKON DELTA	017N	071W	L	120	0	0	0
YUKON DELTA	019N	073W	L	40	0	0	0
YUKON DELTA	019N	075W	L	0	3693	0	0
YUKON DELTA	019N	076W	L	0	11433	0	0
YUKON DELTA	013N	080W	L	200	5	0	0
YUKON DELTA	018N	080W	L	40	0	0	0
YUKON DELTA	013N	081W	L	50	33	0	0
YUKON DELTA	014N	081W	L	106	0	0	0
YUKON FLATS	017N	010W	L	40	0	0	0
AK MARITIME	036S	044W	L	0	50	0	0
AK PENINSULA	039S	050W	L	0	160	0	0
AK PENINSULA	045S	057W	L	0	0	3265	0
AK PENINSULA	046S	058W	L	0	10511	7359	6
AK PENINSULA	047S	060W	L	0	4235	0	0
AK PENINSULA	051S	065W	L	0	15	0	0
ARCTIC	033N	006E	L	0	640	0	0
ARCTIC	035N	006E	L	100	0	0	0
ARCTIC	036N	006E	L	0	19618	0	0
ARCTIC	035N	007E	L	220	0	0	0
ARCTIC	036N	012E	L	0	310	0	0
ARCTIC	036N	016E	L	80	0	0	0
ARCTIC	023N	029E	L	0	22199	0	0
ARCTIC	024N	029E	L	0	22758	0	0
ARCTIC	028N	029E	L	0	7680	0	0
ARCTIC	023N	030E	L	0	17719	0	0
ARCTIC	024N	030E	L	0	22758	0	0
ARCTIC	025N	030E	L	0	23000	0	0
ARCTIC	026N	030E	L	0	22917	0	0
ARCTIC	027N	030E	L	0	22835	0	0
ARCTIC	028N	030E	L	0	21527	0	0
ARCTIC	025N	031E	L	0	1613	0	0
ARCTIC	026N	031E	L	0	1339	0	0
ARCTIC	027N	031E	L	0	1601	0	0
ARCTIC	028N	031E	L	0	1596	0	0
ARCTIC	001N	024E	L	0	0	14630	0
ARCTIC	014S	030E	L	80	240	0	0
ARCTIC	013S	032E	L	0	617	0	0
ARCTIC	014S	032E	L	0	800	0	0
ARCTIC	016S	032E	L	0	22850	0	0
ARCTIC	014S	034E	L	0	640	0	0
ARCTIC	013S	035E	L	0	523	0	0
ARCTIC	016S	037E	L	0	0	774	0
ARCTIC	017S	037E	L	0	0	998	0
KANUTI	015N	017W	L	0	21503	0	0
KANUTI	014N	018W	L	0	6952	0	0
KANUTI	021N	023W	L	0	2400	0	0
KODIAK	033S	025W	L	0	6308	0	0
KODIAK	026S	027W	L	0	0	0	5
KODIAK	038S	028W	L	320	4336	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
KODIAK	027S	029W	L	0	1865	0	0
KODIAK	033S	031W	L	0	410	0	0
KODIAK	038S	032W	L	0	2511	0	13
NOWITNA	001N	027W	L	0	0	3658	0
NOWITNA	008S	017E	L	0	2560	2560	0
SELAWIK	015N	006W	L	246	1564	0	0
YUKON DELTA	012N	062W	L	0	3136	0	0
YUKON DELTA	013N	079W	L	0	20	0	0
YUKON DELTA	014N	079W	L	552	0	0	0
YUKON DELTA	007N	089W	L	0	20384	0	0
YUKON DELTA	007N	090W	L	160	8205	0	0
YUKON DELTA	005N	092W	L	0	4680	0	0
YUKON DELTA	006N	092W	L	0	2015	0	0
AK MARITIME	038S	048W	L	0	95	0	0
AK MARITIME	039S	048W	L	0	485	0	0
AK MARITIME	042S	052W	L	0	450	0	0
AK MARITIME	059S	066W	L	0	600	0	0
AK MARITIME	059S	069W	L	0	2300	0	0
AK MARITIME	056S	072W	L	0	15	0	0
AK MARITIME	056S	074W	L	0	30	0	0
AK MARITIME	058S	074W	L	0	0	0	50
AK MARITIME	073S	114W	L	0	102	0	0
AK MARITIME	040S	049W	L	0	25	0	0
AK PENINSULA	048S	060W	L	9	125	0	3
ARCTIC	024N	021E	L	0	1920	0	0
ARCTIC	023N	028E	L	0	17280	0	0
ARCTIC	022N	029E	L	0	4454	0	0
ARCTIC	013S	039E	L	0	1280	0	0
IZEMBEK	059S	092W	L	0	2806	0	0
KANUTI	023N	020W	L	0	3840	0	0
KANUTI	018N	023W	L	120	0	0	0
KODIAK	033S	023W	L	0	0	1262	0
KODIAK	038S	030W	L	0	2355	0	0
KODIAK	037S	031W	L	120	4656	0	0
KODIAK	037S	032W	L	0	1919	0	0
KOYUKUK	006N	019E	L	0	19924	0	0
TOGIAK	007S	059W	L	30	0	11511	0
TOGIAK	009S	062W	L	240	0	0	0
YUKON DELTA	024N	077W	L	0	22812	0	0
YUKON DELTA	017N	078W	L	80	0	0	0
YUKON DELTA	018N	078W	L	20	0	0	0
YUKON FLATS	015N	021E	L	0	0	8904	0
AK PENINSULA	047S	058W	L	0	0	2290	0
AK PENINSULA	047S	059W	L	0	70	0	0
AK PENINSULA	059S	084W	L	0	3972	1	9
IZEMBEK	057S	086W	L	0	22811	0	0
KANUTI	022N	020W	L	0	22682	0	0
KODIAK	034S	023W	L	0	455	0	0
KODIAK	029S	030W	L	0	8747	0	32
KODIAK	030S	030W	L	0	8050	0	0
SELAWIK	017N	002W	L	60	0	0	0
SELAWIK	018N	002W	L	60	0	0	0
TOGIAK	005S	059W	L	0	0	11511	0
TOGIAK	016S	061W	L	0	31	0	0
TOGIAK	011S	067W	L	0	13345	0	0
TOGIAK	009S	070W	L	15	3	0	0
AK MARITIME	070S	110W	L	0	921	0	0
AK MARITIME	071S	110W	L	0	345	0	0
AK MARITIME	071S	114W	L	0	7000	0	0
AK MARITIME	074S	116W	L	0	9920	0	0
AK MARITIME	083S	136W	L	0	295	0	0
AK MARITIME	085S	139W	L	0	800	0	0
AK MARITIME	070S	106W	L	0	414	0	0
AK PENINSULA	047S	068W	L	0	21904	21904	0
AK PENINSULA	048S	069W	L	0	23014	23014	0
AK PENINSULA	056S	081W	L	0	226	0	0
AK PENINSULA	055S	082W	L	0	22965	0	0
AK PENINSULA	059S	092W	L	0	3120	0	0
ARCTIC	014S	046E	L	0	320	0	0
KODIAK	027S	023W	L	0	45	45	0
KODIAK	037S	027W	L	0	1905	0	0
KODIAK	027S	028W	L	8	0	0	8
TOGIAK	012S	062W	L	160	0	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
TOGIAK	011S	064W	L	0	640	0	0
TOGIAK	012S	064W	L	0	7035	0	0
TOGIAK	013S	064W	L	0	1881	0	0
TOGIAK	014S	064W	L	0	18499	0	0
TOGIAK	015S	064W	L	160	16290	0	0
TOGIAK	013S	065W	L	0	640	0	0
TOGIAK	015S	074W	L	200	8268	0	0
TOGIAK	018S	077W	L	0	8	0	0
YUKON DELTA	013N	075W	L	0	3	0	0
YUKON DELTA	007N	087W	L	633	21523	0	0
YUKON DELTA	008N	087W	L	0	7040	0	0
YUKON DELTA	007N	088W	L	0	22886	0	0
YUKON DELTA	006N	090W	L	352	22585	0	0
YUKON DELTA	005N	091W	L	0	16653	0	0
YUKON DELTA	006N	091W	L	275	10389	10	0
YUKON FLATS	017N	011W	L	0	0	17920	0
AK MARITIME	061S	066W	L	0	10000	0	0
AK PENINSULA	028S	043W	L	0	639	0	0
AK PENINSULA	039S	057W	L	152	0	0	0
AK PENINSULA	048S	068W	L	0	23014	0	0
AK PENINSULA	059S	090W	L	0	4115	0	0
AK PENINSULA	060S	091W	L	0	11851	0	0
ARCTIC	015S	041E	L	0	640	0	0
BECHAROF	032S	042W	L	0	0	20	0
IZEMBEK	058S	087W	L	0	3515	0	0
KANUTI	017N	020W	L	160	0	0	0
KODIAK	032S	024W	L	0	25	0	0
TOGIAK	011S	068W	L	0	22939	0	0
TOGIAK	006S	070W	L	80	0	0	0
TOGIAK	007S	073W	L	40	0	0	0
TOGIAK	004S	074W	L	420	5241	0	0
AK MARITIME	080S	129W	L	0	0	0	5
AK MARITIME	081S	131W	L	0	5	0	0
AK MARITIME	057S	074W	L	0	90	0	0
AK MARITIME	070S	111W	L	0	10	0	0
AK MARITIME	074S	115W	L	0	10	0	0
AK MARITIME	078S	121W	L	0	603	0	0
AK MARITIME	077S	123W	L	0	430	0	0
AK MARITIME	079S	124W	L	0	35	0	0
AK MARITIME	080S	126W	L	0	10	0	0
AK MARITIME	080S	127W	L	0	15	0	0
AK MARITIME	078S	128W	L	0	50	0	0
AK MARITIME	079S	128W	L	0	55	0	0
AK MARITIME	076S	129W	L	0	5	0	0
AK MARITIME	079S	129W	L	0	5	0	0
AK MARITIME	082S	133W	L	0	100	0	0
AK MARITIME	083S	134W	L	0	5	0	0
AK MARITIME	084S	137W	L	0	5	0	0
AK MARITIME	092S	177W	L	0	30	0	0
AK MARITIME	093S	177W	L	0	130	0	0
AK MARITIME	093S	178W	L	0	30	0	0
AK MARITIME	094S	179W	L	0	120	0	0
AK MARITIME	070S	107W	L	0	50	0	0
AK PENINSULA	035S	046W	L	0	9600	0	0
AK PENINSULA	036S	048W	L	0	10213	0	0
AK PENINSULA	057S	085W	L	0	12134	0	0
AK PENINSULA	060S	090W	L	0	9320	0	0
AK PENINSULA	061S	090W	L	0	165	0	0
AK PENINSULA	061S	092W	L	0	6683	6683	0
KANUTI	024N	020W	L	0	10748	0	0
KODIAK	036S	026W	L	0	152	0	0
KENAI	006S	009W	L	0	19051	0	0
KOYUKUK	006S	004E	L	0	7040	0	0
SELAWIK	018N	005W	L	80	0	0	0
TOGIAK	012S	067W	L	0	9565	0	0
TOGIAK	012S	068W	L	0	22998	0	0
TOGIAK	013S	068W	L	0	6928	0	0
TOGIAK	013S	069W	L	0	16430	0	0
TOGIAK	013S	071W	L	0	20	0	0
TOGIAK	013S	072W	L	0	1885	0	0
TOGIAK	013S	074W	L	80	5758	0	0
TOGIAK	014S	074W	L	0	11517	0	0
YUKON FLATS	021N	008W	L	0	0	0	5
YUKON FLATS	018N	011W	L	0	0	19200	0
KODIAK	033S	026W	L	0	639	0	0
KOYUKUK	007N	014E	L	0	640	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
KOYUKUK	002N	022E	L	0	0	5374	0
YUKON DELTA	008N	086W	L	0	1212	0	0
YUKON DELTA	005N	087W	L	0	3823	0	0
YUKON DELTA	006N	087W	L	0	11427	0	0
YUKON DELTA	005N	088W	L	0	3836	0	0
YUKON DELTA	006N	088W	L	0	22947	0	0
YUKON DELTA	005N	089W	L	0	3831	0	0
YUKON DELTA	006N	089W	L	0	22947	0	0
YUKON DELTA	005N	090W	L	40	5008	0	0
YUKON DELTA	020N	092W	L	380	1527	0	0
AK MARITIME	093S	176W	L	0	5010	0	0
AK PENINSULA	048S	065W	L	0	4480	0	0
AK PENINSULA	053S	076W	L	0	22864	0	0
AK PENINSULA	055S	083W	L	0	22965	0	0
KOYUKUK	004N	024E	L	0	20	0	0
TETLIN	010N	014E	L	0	1289	0	0
TETLIN	011N	014E	L	0	1825	0	0
TETLIN	010N	015E	L	0	1866	0	0
TETLIN	011N	015E	L	0	1679	0	0
TOGIAK	002S	062W	L	120	0	0	0
TOGIAK	013S	073W	L	40	0	0	0
YUKON DELTA	017N	086W	L	0	3827	0	0
YUKON FLATS	016N	009W	L	0	589	0	0
AK PENINSULA	052S	073W	L	0	11513	0	40
AK PENINSULA	056S	083W	L	0	22805	0	0
KODIAK	031S	024W	L	0	0	64	0
KODIAK	030S	029W	L	0	804	0	21
KODIAK	038S	031W	L	0	1312	0	0
YUKON FLATS	018N	001W	L	0	1257	0	0
AK MARITIME	075S	120W	L	0	600	0	0
AK MARITIME	085S	138W	L	0	5	0	0
AK PENINSULA	056S	084W	L	0	12300	0	0
IZEMBEK	056S	084W	L	0	9465	0	0
IZEMBEK	057S	085W	L	0	10782	0	0
IZEMBEK	058S	085W	L	0	10	0	0
IZEMBEK	058S	086W	L	0	6574	0	0
KOYUKUK	009N	013E	L	0	5645	0	0
TETLIN	009N	016E	L	0	5760	0	0
AK MARITIME	001N	019W	L	0	0	0	4
KANUTI	017N	019W	L	80	0	0	0
KODIAK	039S	031W	L	0	5	0	0
KENAI	006S	008W	L	0	480	0	0
KOYUKUK	008N	015E	L	0	600	0	0
YUKON DELTA	017N	087W	L	0	640	0	0
IZEMBEK	059S	093W	L	0	119	0	0
KANUTI	018N	024W	L	0	17263	0	0
KODIAK	036S	027W	L	0	50	0	0
KODIAK	037S	030W	L	0	2474	0	9
KODIAK	029S	031W	L	0	2859	0	45
AK MARITIME	017S	014W	L	0	2200	0	0
AK MARITIME	004N	049W	L	0	1000	0	0
AK MARITIME	022S	064W	L	0	25000	0	0
AK MARITIME	014S	016W	L	0	1900	0	0
AK MARITIME	029S	018W	L	0	50	0	0
AK MARITIME	039S	028W	L	0	15	0	0
AK MARITIME	030S	046W	L	0	75	0	0
AK MARITIME	074S	120W	L	0	5	0	0
AK MARITIME	003S	001E	L	1000	0	0	0
AK MARITIME	004S	001E	L	40	0	0	0
KANUTI	014N	022W	L	0	0	0	5
KANUTI	015N	019W	L	0	2490	0	0
AK MARITIME	003N	048W	L	0	60	0	0
AK MARITIME	023S	016W	L	0	0	10500	0
IZEMBEK	059S	089W	L	0	2420	0	0
KANUTI	015N	016W	L	0	2293	0	0
KANUTI	014N	017W	L	0	1440	0	0

SUMMARY OF LAND ACQUISITION PRIORITIES
TABLE 23 - TOWNSHIPS

REFUGE	TOWN SHIP	RANGE	ACQ. PRI.	NATIVE ALLOT.	NATIVE CORP.	ALASKA STATE	OTHER PRIVATE
KODIAK	030S	031W	L	0	880	0	0
AK MARITIME	023S	024E	L	0	10	0	0
AK MARITIME	023S	024W	L	0	600	0	0
AK MARITIME	032S	021W	L	0	0	20	0
AK MARITIME	033S	023W	L	0	0	31	0
AK MARITIME	009S	025W	L	22000	0	0	0
AK MARITIME	011S	029W	L	0	0	25	0
AK MARITIME	031S	041W	L	0	0	300	0
AK MARITIME	012S	014W	L	0	1300	0	0
AK MARITIME	022S	016W	L	25	25	0	0
AK MARITIME	013S	021W	L	0	1200	0	0
AK MARITIME	011S	038W	L	0	467	0	0
KENAI	007S	009W	L	0	8870	0	0
KENAI	008S	009W	L	0	2537	0	0
AK MARITIME	071S	118W	L	0	3	0	0
AK MARITIME	075S	118W	L	5	0	0	0
AK PENINSULA	039S	049W	L	0	35	0	0
AK PENINSULA	058S	083W	L	0	6	0	0
AK PENINSULA	060S	085W	L	0	1	0	0
AK PENINSULA	060S	086W	L	0	30	0	0
AK PENINSULA	057S	089W	L	0	0	10	0
INNOKO	008S	004E	L	0	0	0	0
INNOKO	032N	058W	L	0	0	0	0
KODIAK	034S	024W	L	0	5	0	0
KODIAK	032S	028W	L	0	5	0	0
SELAWIK	014N	010W	L	2	0	0	0
SELAWIK	014N	014W	L	0	5	0	0
TOGIAK	014S	066W	L	0	50	0	0
YUKON DELTA	018N	067W	L	75	0	0	0
YUKON DELTA	021N	089W	L	0	175	0	0
YUKON DELTA	021N	090W	L	0	30	0	0
YUKON DELTA	004N	091W	L	0	65	0	0
YUKON DELTA	017N	093W	L	0	450	0	0
YUKON DELTA	003N	095W	L	0	15	0	0
YUKON DELTA	004S	074W	L	0	40	0	0
YUKON DELTA	003S	075W	L	0	140	0	0
YUKON DELTA	004S	081W	L	0	19	0	0
YUKON DELTA	004S	082W	L	0	1	0	0
YUKON DELTA	001S	095W	L	0	0	0	0
YUKON DELTA	002S	095W	L	0	3	0	0
YUKON DELTA	004S	096W	L	0	10	0	0

CHAPTER X

LIST OF PREPARERS: APPENDIX A

DIVISION OF REALTY

Acquisition Priority Team

Jerry, Danielle	Supervisory Wildlife Biologist; Project Leader
McClellan, Greg	Fish and Wildlife Biologist
Norvell, Nancy	Fish and Wildlife Biologist
Platte, Robert	Fish and Wildlife Biologist
Slater, Leslie	Fish and Wildlife Biologist

Others in Division who worked on Appendix A

Blix, Lucy	Realty Clerk
Chivers, Michelle	Realty Assistant
Janis, Sharon	Chief, Division of Realty; Chair, Interagency Work Group on Submerged Lands Act
Mattice, William	Deputy, Division of Realty
Nichols, Gary	Cartographic Technician
Vandegraft, Doug	Cartographic Technician
Wietchy, Daniel	Cartographer

INFORMATION RESOURCE MANAGEMENT

Boyle, Barbara	Computer Systems Analyst
Dearborn, Barry	Computer Systems Analyst
Minick, Jerry	Computer Systems Analyst
Slothower, Roger	Branch Chief, Geographic Analysis
Wylie, I. Jean	Computer Programmer/Analyst

APPENDIX B

SUBMERGED LANDS ACT REPORT

ANALYSIS OF INHOLDINGS AND ACQUISITION PRIORITIES ON
CONSERVATION UNITS IN ALASKA

FINAL

FEBRUARY 1990

BUREAU OF LAND MANAGEMENT
ALASKA STATE OFFICE
222 WEST SEVENTH AVENUE
ANCHORAGE, ALASKA

BUREAU OF LAND MANAGEMENT
ACQUISITION CRITERIA FOR
SUBMERGED LANDS REPORT

The Bureau of Land Management will generally adopt the ranking criteria used for acquisition of lands through the Land and Water Conservation Fund. Privately owned land parcels that are important to the management of a Conservation Unit will be assessed using these criteria through assignment of a point value which reflects the importance of that habitat to the particular resource value in question.

The purpose for each Conservation Unit is the main factor in assigning point values to the criteria listed below. A parcel that provides important public access would receive correspondingly high point values. Other legal mandates such as the Endangered Species Act also play a significant role in the assignment of points.

Criteria, as they apply to properties affected by the Submerged Lands Act within/or situated such that these properties are critical to the management of Conservation System Units (CSU's) are weighted to reflect the relative ranking according to importance for public values and resources in the management of public lands. For the purpose of the Submerged Lands Act, National Conservation Areas and National Recreation Areas designated by the Alaska National Interest Lands Conservation Act are considered to be Conservation System Units.

The eight criteria categories to be used in assessing land resource values for potential additions to CSU's are listed in order of importance:

1. Public Access
2. Protection of Threatened and Endangered Species Habitat
3. Protection of Critical Resources
4. Special Habitat Considerations
5. Probability of Conversion
6. Window of Opportunity
7. Public Use
8. Designation/Classification of the CSU

The categories have been weighted to reflect importance to the Bureau of Land Management's (BLM) management of the CSU's. Evaluation of individual properties associated with BLM managed CSU's will be based on a ranking criteria class and weighted importance for each category as shown below:

Category 1 Public Access
Weight: 5

Providing for increased and improved public access to and between CSU units or segments is of highest importance:

<u>Class</u>	<u>Points</u>	<u>Description</u>
A.	10	Provides physical and legal access to/between CSU units or segments across Native or Native corporation land, or other private lands.
B.	5	Provides physical and legal access to/between CSU units or National Trail Segments across State lands.
C.	1-5	Provides improved access opportunities; widening or rerouting of National Trail System Components.
D.	0	Property acquisition will not affect public access.

Category 2 Protection of Threatened or Endangered Species Habitat
Weight: 4

The Bureau is interested in acquiring properties which will further protect threatened and endangered (T&E) species associated with CSU's

<u>Class</u>	<u>Points</u>	<u>Description</u>
A.	10	Acquisition of property will directly protect T&E species habitats which are identified in CSU management plans as an important resource value.
B.	8	Acquisition will protect T&E species habitat which has not been identified specifically in CSU management plan, but is otherwise recognized as important habitat for T&E species.
C.	5	Acquisition will increase the protection of T&E species in the general area, or migration routes of T&E species.
D.	1-4	Acquisition will protect habitats which historically have or contain T&E species or potentially may provide habitat for T&E species.
E.	0	T&E species habitat is not a factor.

Category 3 Protection of Critical Resources
Weight: 4

The Bureau is interested in acquiring properties which will further protect sensitive and critical resources associated with the CSU's, including but not limited to: cultural resources, visual resources, recreation opportunity or other biological or physical resources.

<u>Class</u>	<u>Points</u>	<u>Description</u>
A.	10	Acquisition of property will directly protect critical or outstanding remarkable resource values for which CSU was designated, as identified in CSU management plan, (such as scenic, primitive or scenic qualities of National Wild and Scenic River Components)
B.	7	Acquisition of property will directly protect critical resource values not specifically identified in CSU management plans, but is recognized in other State or Federal documents, (such as critical subsistence resources or cultural resources in the Alaska Heritage Resources Survey)
C.	5	Acquisition will provide additional public use sites which will act to decrease human impacts on other sites with critical resource values.
D.	1-4	Acquisition of property will provide additional sites or desirable buffers between critical resource values, other potentially detrimental uses or influences.
E.	0	No known critical resources to be protected.

Category 4 Special Habitat Considerations
Weight 3

The Bureau is interested in acquiring certain properties which will protect certain types of habitat which are important to certain fish and wildlife species.

<u>Class</u>	<u>Points</u>	<u>Description</u>
A.	10	Prevents loss of important habitat for resources used for subsistence or Special Status Species Habitat for wildlife or plant species of candidate threatened and endangered species or State listed endangered or sensitive species.
B.	8	Provides for biological diversity of habitat needs for wildlife and fisheries species.
C.	5	Provides for wildlife and fisheries projects which have high public interest and support.
D.	0	No special habitat considerations.

Category 5 Probability of Conversion
Weight: 3

An important consideration is the likelihood that the property may be used for purposes determined incompatible with the management objectives of the CSU.

<u>Class</u>	<u>Points</u>	<u>Description</u>
A.	10	Currently being used for a purpose generally incompatible with the CSU's primary purposes.
B.	8	High probability of conversion to an incompatible use.
C.	5	Medium probability of conversion to an incompatible use.
D.	2	Low probability to an incompatible use.
E.	0	No chance of conversion to incompatible use.

Category 6 Window of Opportunity
Weight: 3

An important consideration is the time frame in which acquisition of the property would be available.

<u>Class</u>	<u>Points</u>	<u>Description</u>
A.	10	Opportunity to acquire property likely to close by the end of the next Fiscal Year.
B.	8	Opportunity to acquire property likely to close within the next 5 years.
C.	5	Opportunity to acquire property likely to close within the next 10 years.
D.	0	No known end to opportunity to acquire.

Category 7 Public Use and Interest
Weight: 3

The BLM places importance on the amount and type of current use of the CSU in the area of the property as well as the amount of public interest there is in acquiring the property.

<u>Class</u>	<u>Points</u>	<u>Description</u>
A.	10	Property is important for subsistence use, or has year-round public use, by residents and/or visitors, and is generally associated with State highway system, or property acquisition is strongly supported by the public.
B.	9	Property has seasonal or year-round use, but site or trail is associated with national or internationally publicized event or activity.

- C. 8 Property has been identified in CSU management plans as important for carrying out objectives related to public use.
- D. 5 Property has generally seasonal use, by residents and/or visitors, and is generally associated with heavily traveled trails or important sites in remote areas. Site or trail may be associated with State or locally publicized event or activity.
- E. 3 Site or trail has generally low or periodic use by locals/residents.
- F. 0 No known public use or importance.

Category 8 Type of Designation/Classification
 Weight: 2

<u>Class</u>	<u>Points</u>	<u>Description</u>
A.	10	National Wild and Scenic Rivers System/Wild River Classification
B.	9	National Wild and Scenic Rivers System/Scenic River Classification
C.	8	National Wild and Scenic Rivers System/Recreational River Classification National Recreation Area National Trail System/Recreational
D.	7	National Trail System/Historic
E.	5	National Conservation Area
	+2	In addition to CSU status, add points if included in more than one CSU category, or if Secretarial designation (i.e., National Register of Historic Places).

APPENDIX B
ACQUISITION PRIORITY BY UNIT

1. Delta Nat'l Wild, Scenic and Recreational River

STATUS	HIGH PRIORITY		MEDIUM PRIORITY		LOW PRIORITY		NOT RECOMMENDED	
	Parcels	Acres	Parcels	Acres	Parcels	Acres	Parcels	Acres
Native Allotment	-	-	-	-	1	160	-	-
ANCSA	-	-	-	-	-	-	-	-
State	-	-	1	1,395	-	-	-	-
Other	-	-	-	-	11	280	-	-
TOTAL	-	-	1	1,395	12	440	-	-

2. Gulkana Nat'l Wild River

STATUS	HIGH PRIORITY		MEDIUM PRIORITY		LOW PRIORITY		NOT RECOMMENDED	
	Parcels	Acres	Parcels	Acres	Parcels	Acres	Parcels	Acres
Native Allotment	-	-	1	160	-	-	-	-
ANCSA	3	1,525	2	680	1	360	-	-
State	7	38,341	-	-	-	-	-	-
Other	0	0	2	10	-	-	-	-
TOTAL	10	39,866	5	850	1	360	-	-

3. Fortymile Nat'l Wild, Scenic and Recreational River

STATUS	HIGH PRIORITY		MEDIUM PRIORITY		LOW PRIORITY		NOT RECOMMENDED	
	Parcels	Acres	Parcels	Acres	Parcels	Acres	Parcels	Acres
Native Allotment	-	-	1	10	-	-	-	-
ANCSA	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	6	32	1	700
TOTAL	-	-	1	10	6	32	1	700

4. Unalakleet National Wild River

STATUS	HIGH PRIORITY		MEDIUM PRIORITY		LOW PRIORITY		NOT RECOMMENDED	
	Parcels	Acres	Parcels	Acres	Parcels	Acres	Parcels	Acres
Native Allotment	-	-	13	25	29	2,637	-	-
ANCSA	1	1,280	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total	1	1,280	13	25	29	2,637	-	-

5. White Mountains' Nat'l Recreation Area/Beaver Creek Nat'l Wild River

STATUS	HIGH PRIORITY		MEDIUM PRIORITY		LOW PRIORITY		NOT RECOMMENDED	
	Parcels	Acres	Parcels	Acres	Parcels	Acres	Parcels	Acres
Native Allotment	1	80	-	-	-	-	-	-
ANCSA	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Other	1	63	1	18	-	-	-	-
TOTAL	2	143	1	18	-	-	-	-

6. Steese National Conservation Area/Birch Creek Nat'l Wild River

STATUS	HIGH PRIORITY		MEDIUM PRIORITY		LOW PRIORITY		NOT RECOMMENDED	
	Parcels	Acres	Parcels	Acres	Parcels	Acres	Parcels	Acres
Native Allotment	-	-	-	-	1	40	-	-
ANCSA	-	-	-	-	-	-	-	-
State	-	-	1	14,290	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total	-	-	1	14,290	1	40	-	-

7. Birch Creek Wild River

STATUS	HIGH PRIORITY		MEDIUM PRIORITY		LOW PRIORITY		NOT RECOMMENDED	
	Parcels	Acres	Parcels	Acres	Parcels	Acres	Parcels	Acres
Native Allotment	-	-	-	-	2	320	-	-
ANCSA	-	-	-	-	1	7,900	-	-
State	-	-	-	-	-	-	-	-
Other	1	5	-	-	1	10	-	-
Total	1	5	-	-	4	8,230	-	-

8. Iditarod National Historic Trail

STATUS	HIGH PRIORITY		MEDIUM PRIORITY		LOW PRIORITY		NOT RECOMMENDED	
	Parcels	Miles*	Parcels	Miles*	Parcels	Miles*	Parcels	Miles*
Native Allotment	75	28.5 (86 Ac)	10	5.6 (17 Ac)	10	2.3 (7 Ac)	-	-
ANCSA	-	-	3	50 (150 Ac)	2	20 (60 Ac)	-	-
State	-	-	-	-	-	-	15	179.5 (529 Ac)
Other	10	3.4 (10 Ac)	-	-	-	-	-	-
Total	85	31.9 (96 Ac)	13	56.6 (167 Ac)	12	22.3 (67 Ac)	15	179.5 (529 Ac)

*Miles of linear trail are used instead of acres for the Historic Trail

SUMMARY OF INVENTORY OF OTHER INTERESTS

BUREAU OF LAND MANAGEMENT

	STATE	ANCSA	NA'S	OTHER
Delta River	1,395	-	160	280
Gulkana River	38,341	2,565	160	10
40-Mile River	-	-	10	732
Unalakleet River	-	1,280	2,662	-
White Mountain	-	-	80	81
Steese	14,290	-	40	-
Birch Creek	-	7,900	320	15
Iditarod Trail	539	210	90	10
	(179.5 mi)	(70 mi)	(36.4 mi)	(3.4 mi)
TOTAL ACRES	54,565	11,955	3,522	1,128

APPENDIX C

ALASKA SUBMERGED LANDS ACT REPORT

SUMMARY OF LAND STATUS AND
STATEWIDE ACQUISITION PRIORITIES

FINAL

FEBRUARY 1990

NATIONAL PARK SERVICE
ALASKA REGION
2525 GAMBELL
ANCHORAGE, ALASKA

Appendix C

National Park Service

SUMMARY OF LAND STATUS AND STATEWIDE ACQUISITION PRIORITIES

The National Park Service prepares "land protection plans" for each of the units it administers. The guiding principle of each plan is the protection of park system resources, consistent with the congressionally defined purposes for which each park or other unit was created, and consistent with the rights of non-Federal landowners.

Each plan contains a ranked listing of the non-Federal lands that lie within the park unit. This listing identifies the interest in land that the Park Service believes it should acquire to protect the land, or states that no acquisition is considered necessary. Where no acquisition is necessary, the land protection plan may recommend no action at all or may recommend entering into agreements to help maintain land uses that are compatible with the purposes of the parks. Even for lands currently considered unnecessary to acquire, acquisition of some interest may become necessary if uses develop that would be detrimental to the affected park unit. For instance, cemetery and historic sites selected under section 14(h)(1) of the Alaska Native Claims Settlement Act are generally considered unnecessary to acquire because of covenants in their titles that restrict uses upon them. However, in some instances, the covenants may not provide sufficient protection to park resources and public uses, and acquisition of 14(h)(1) sites may be required.

Approved land protection plans, developed in consultation with landowners and the public, are in place for thirteen of the sixteen units the Park Service administers in Alaska. Draft plans for the remaining three parks have been developed and will be submitted for public review. The priority list on the following pages has been extracted from these thirteen final and three draft land protection plans. Land protection plans are reviewed, and updated as necessary, every two years. Plan revisions are distributed for public comment.

Acreages on the following list have been rounded to the nearest acre, except in the case of Sitka National Historical Park, where tracts are very small. Tract designations on the list are taken from the individual land protection plans. Owners shown may not be the current owners in all cases, as the Park Service is not required to maintain transfer of ownership records.

SUMMARY OF LAND STATUS

National Park System Alaska

Owner	Status	Acres
Federal	(unencumbered)	50,456,210
State	(TA and Pat)	468,437
State	(Apln)	25,859
Native Corporation	(IC and Pat)	1,358,075
Native Corporation	(Apln)	2,326,495
Native Allotment	(Aprd or Cert)	37,739
Native Allotment	(Apln)	26,230
Other Private	(Pat)	21,257
Other Private	(Apln)	453
TOTAL		54,720,755

Explanation of notations:

Apln = Application
 Aprd = Approved
 Cert = Certificated
 IC = Interim Conveyance
 Pat = Patent
 TA = Tentatively Approved

Note: Acreage of lands subject to overlapping selections is enumerated a single time in the above summary. Therefore selections by one of the overlapping applicants is not be represented in the summary.

HIGH PRIORITY

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int. To Be Acquired</u>
Aniakchak			
Tract A	Graham	80	fee
Tract B	Graham	60	fee
Tract E	Koniag, Inc.	185,010	fee
Tract F	Koniag, Inc.	4,930	fee
Bering Land Bridge			
Tract FF 33837 (Serpentine Hot Springs)	Bering Straits Regional Corp.	1,920	fee
Cape Krusenstern			
Priority Group 1 (A)	Various native allotees	3,723	fee/ esmt.*
Priority Group 3 (A)	NANA	10,624	esmt.
Denali			
Area 6 (Kantishna)	Various -- 41 patented lode claims	805	esmt.
Tract F 001169	Kantishna Mines, Ltd.	40	fee
Tracts: FF 059042-49 FF 059032-33 FF 059027-28 FF 058991-94 FF 058995-96**	Fuksa	360	min. int.

* Fee acquisition recommended for allotments or portions of allotments containing significant cultural resources. Easement interest is maximum interest recommended to protect allotments not containing significant cultural resources.

** Unpatented mining claims. Will undergo validity examination; interest will be acquired in valid claims only.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Denali (continued)			
Tracts FF 052416-21*	Taylor	120	min. int.
Tracts FF 59258-65 FF 59209-41*	Northwest Exploration	820	min. int.
Tract AA 05037*	Talkeetna Mines Trust	160	min. int.
Gates of the Arctic			
Tract 25	Earnest Chase (Application)	50	esmt.
Tract 101	Martha Helmricks	3	esmt.
Tract 102	Harmon Helmricks	16	esmt.
Tract 104	Harmon Helmricks	5	esmt.
Tract 107	Thomas Classen	5	esmt.
Tract 110	Martha Helmricks	5	esmt.
Admin. Site (Anaktuvuk Pass)	Unknown (City of Anaktuvuk Pass or private party)	2	fee
Tract 5A	Renee Merry	40	esmt.
Tract 5B	Renee Merry	40	esmt.
Tract 33	Elizabeth Ahgook	160	esmt.
Tract 201*	Maple Leaf Gold, Inc.	1,240	min. int.
Tract 202*	Maple Leaf Gold, Inc.	3,400	min. int.
Tract 205*	Maple Leaf Gold, Inc.	1,680	min. int.

* Unpatented mining claims. Will undergo validity examination; interest will be acquired in valid claims only.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Gates of the Arctic (continued)			
Tract 207*	Thorwald Hansen	60	min. int.
Tract 305A	Doyon, Ltd. (Application)	10,428	fee
Tract 305B	Doyon, Ltd.	62,504	fee
Tract 28	Stella Hamilton (Application)	40	esmt.
Tract 32	Cora Maguire (Application)	40	esmt.
Tract 103	Bernd Gaedeke	40	esmt.
Tract 108	Bernd Gaedeke	5	esmt.
Tract 111	Harmon Helmricks	10	esmt.
Tract 50	Virginia Christiansen (Application)	40	esmt.
Tract 105	Nelson Walker	5	esmt.
Tract 219A*	E. B. Joiner, D. & L. MacPhee	150	min. int.
Tract 219B*	Bill Boucher	10	min. int.
Tract 3A	Charlie Sheldon (Application)	20	esmt.
Tract 3B	Charlie Sheldon (Application)	20	esmt.
Tract 3C	Charlie Sheldon (Application)	20	esmt.
Tract 4A	Charlie Horner (Application)	40	esmt.
Tract 4B	Charlie Horner (Application)	80	esmt.

* Unpatented mining claims. Will undergo validity examination; interest will be acquired in valid claims only.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Gates of the Arctic (continued)			
Tract 27	Ida Ross	80	esmt.
Tract 48	May Bernhardt (Application)	40	esmt.
Glacier Bay			
Serial # AA007748	James Johnie (Application)	140	fee
Serial # A000437	William McKinley	148	fee
Serial # AA008010	Mary Johnson (Application)	160	fee
Serial # A001770	Frank St. Clair (Application)	151	fee
Serial # A001769	James St. Clair (Application)	160	fee
Serial # A001771	Edward Mejay (Application)	160	fee
Katmai			
Tract A	State of Alaska	50,195	fee
Tract B	Melgenak (Application)	120	fee
Tract C	Hawley Resource Properties, Inc.	60	fee
Tract D	Russian Orthodox Church	19	fee
Kenai Fjords			
ANCSA 12(a) and 12(b) selections and submerged lands	Port Graham and English Bay	76,090 (est.)	fee

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Klondike Gold Rush			
Tract 102-29	State of Alaska	8,571	fee
Tract 103-02	State of Alaska	1,630	fee
Tract 102-13	F. O. Mahle	79	fee
Tract 102-14	H. L. Mahle	80	fee
Tract 102-15	A. C. Mahle	140	fee
Kobuk Valley			
Parcel 4	Ruth Giddings	5	fee
Parcel 5	Edna Griest	80	esmt.
Parcel 31	Grace Outwater	80	esmt.
Parcel 32	Warren Morena (Application)	160	esmt.
Parcel 33	Elmon Henry	160	esmt.
Parcel 72	Ray Furguson (Application)	80	fee
Lake Clark			
Isolated, scattered small tracts (32 tracts)	Various	882 (Patented); 545 (Applic.)	fee
Tazimina Lakes Tracts:			esmt.
	Kijik Corp.	7,372 (IC) 38,817 (Applic.)	
	Kijik Corp & Bristol Bay Corp.	3,200 (Applic.)	
	Iliamna	10,511 (IC) 20,133 (Applic.)	
	Pedro Bay	6,325 (Applic.)	
	2 parcels adjacent to Tazimina Lake	80	
	2 parcels, Tazimina River	100	

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Lake Clark (continued)			
Tract 13-105	Al Woodward	5	fee
Keyes Point (exact location undetermined)	Kijik Corp.	10	fee
Noatak			
Tract 1	Ned Howarth	160	esmt.
Tract 2	Enoch Sherman (Application)	159	esmt.
Tract 3	Rodney Howarth	160	esmt.
Tract 4	Victor Onalik	160	esmt.
Tract 5	Milton Adams	160	esmt.
Tract 6	Elwood Booth (Application)	80	esmt.
Tract 7	Jimmy Arey (Application)	80	esmt.
Tract 9	George Onalik	160	esmt.
Tract 10	Ivan Booth	80	esmt.
Tract 12	Homer Booth (Application)	160	esmt.
Tract 13	William Booth	160	esmt.
Tract 14	Rachel Adams	128	esmt.
Tract 21	Gretchen Booth	160	esmt.
Tract 22	Roland Booth	160	esmt.
Tract 27	Arlene Stevens (Application)	40	esmt.
Tract 33	Ray Ferguson	80	esmt.
Tract 34	Mae Thompson	80	esmt.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Noatak (continued)			
Tract 36	Hattie Gregory (Application)	120	esmt.
Tract 39	Abraham Howarth	160	esmt.
Tract 40	Virginia Walker (Application)	40	esmt.
Sitka			
Tract 01-120	Osbakken	.04	fee
Wrangell-St. Elias			
Isolated Patented Mining Claims	Various	1,614	fee
Isolated Small Tracts	Various	470	esmt.
Small Tracts - Chisana Complex	Various	229	esmt.
Small Tracts - May Creek/Nizina Complex	Various	360	esmt.
Small Tracts - Chitina Valley (Lakina River to Nizina)	Various	5,056	esmt.
Yukon-Charley Rivers			
Charley River Basin	Doyon (Application)	5,400	fee
Tract FF 14428	Caroline Johnson	80	esmt.

MEDIUM PRIORITY

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Bering Land Bridge			
Mining Claim Groups, Humboldt Cr.	Various individuals	1,115	fee
Denali			
Tract AA 06910	State of Alaska	640	fee
Tract AA 5488	Genet	80	esmt.
Tract AA 3990	Barron	47	esmt.
Tract AA 1076	Basil	5	esmt.
Tract FF 14844A2	Cantwell Village Corp. (Application)	1,860	esmt.
Tract AA 16172	Ahtna, Inc. (Application)	7,860	fee
Tract AA 810402	Ahtna, Inc.	375	fee
Tract FF 2190156	Doyon, Ltd. (Application)	6,073	fee
Tract FF 2190491	Doyon, Ltd. (Application)	19,108	fee
Tracts FF 40216-19	Doyon, Ltd. (Application)	22,662	fee
Tracts AA 11184 FF 22396	Minchumina Natives, Inc. (Application)	3,010	fee
Gates of the Arctic			
Tract 5C	Renee Merry	40	esmt.
Tract 5D	Renee Merry	40	esmt.
Tract 8	Ruth Rulland	160	esmt.
Tract 11	Mary Darling (Application)	80	esmt.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Gates of the Arctic (continued)			
Tract 42	Mollie Ahgook	160	esmt.
Tract 44	Joseph Mekiana (Application)	160	esmt.
Tract 106	Peter Merry	5	esmt.
Tract 210*	Robert Emerson	20	min. int.
Tract 212*	Maple Leaf Gold, Inc.	300	min. int.
Tract 213A*	Glen Bouton	40	min. int.
Tract 213B*	Glen Bouton	20	min. int.
Tract 215*	Maple Leaf Gold, Inc.	160	min. int.
Tract 216*	Maple Leaf Gold, Inc.	80	min. int.
Tract 304	Doyon, Ltd.	18,962	fee
Tract 307 (Subsurface)	Arctic Slope Regional Corp.	30,003	fee
Tract 310 (Subsurface)	Arctic Slope Regional Corp.	1,319	fee

Glacier Bay

Serial # AA006583	Edith Bean (Application)	120	fee
Serial # A000439	Paul Brown (Application)	160	fee
Serial # AA004471	Tom Martin (Application)	160	fee

* Unpatented mining claims. Will undergo validity examination; interest will be acquired in valid claims only.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Glacier Bay (continued)			
Serial # AA006089	James White (Application)	160	fee
Serial # A004489	Harry Shukdake (Application)	160	fee
Serial # A004490	Mike Wilson (Application)	160	fee
Katmai			
Tract E	Katmailand, Inc.	97	esmt.
	Richard Matthews	54	esmt.
Tract F	Igiugig Village . Corp. (surface)	31,711	fee
	Bristol Bay Native Corp. (subsurface)	31,711	fee
	Bristol Bay Native Corp. and Igiugig Village Corp.	4,932	fee
Kenai Fjords			
Aialik Bay Parcel	David Rosenau	5	fee
Aialik Bay Parcel	Alma Dodge (Application)	40	fee
Aialik Bay Parcel	Alma Dodge (Application)	80	fee
Klondike Gold Rush			
Tract 102-23	Kalvick	2	fee
Tract 102-22	McDermott	7	fee
Tract 102-11	Hukill	2	fee
Tract 102-25	Patterson	5	fee
Kobuk Valley			
Onion Portage Archeological Site	NANA	200 (approx.)	esmt.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Lake Clark			
Small Tracts, Northwest Shore of Lake Clark (39 Tracts)	Various	2,762 (Patented); 408 (Application)	esmt.
Subsurface Mineral Rights, Eastern Border of Park	State of Alaska	22,793 (Selection)	min. estate
Sitka			
Tract 01-102	State of Alaska	2.66	fee
Tracts 01-113; 01-115;01-116; 01-118	City/Borough	.60	fee/ esmt.*
Wrangell-St. Elias			
Small Tracts - Nabesna Road Corridor	Various	1,271	esmt.
Small Tracts - Chitina Valley (Strelna to West Bank, Lakina R.)	Various	2,189	esmt.
W and NW Portion of Park/Preserve	Ahtna, Inc.	1,128,346**	esmt. or fee
SW Portion of Park/Preserve along Bremner R.; S Portion East of Icy Bay	Chugach Alaska Corp.	158,631**	esmt. or fee
Patented Mining Claims with Current Access	Various	3,294	esmt.

* Easement recommended for Tracts 01-113, 01-115, and 01-118.
Fee acquisition recommended for Tract 01-116.

**Includes conveyed and selected lands. Not all lands selected
are expected to be conveyed.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Wrangell-St. Elias (continued)			
Patented Mining Claims at End of Road Corridors (Nabesna and Kennicott Areas)	Various	4,555	esmt.
Yukon-Charley Rivers			
Tract FF 16644B*	Edward O'Leary	80	esmt. or fee
Tract F 3022**	Fred Krager	40	esmt. or fee
Tract F 8629**	Paul Connell	5	esmt. or fee
Tracts FF 9107B, C, and D**	Horace D. Biederman	120	esmt. or fee
Tract FF 14487B**	Patricia Austin	40	esmt. or fee
Tract FF 17117B**	Harry David	40	esmt. or fee
Tract FF 17782C**	Anthony Paul	40	esmt. or fee

* Acquisition of an interest in this tract is recommended only if required to protect historic resources or to allow expenditure of government funds on preservation of structures.

**Acquisition of an interest in these lands is recommended only if they are threatened with land use changes that would conflict with the purposes of the Preserve, and only if cooperative agreements would not protect the land adequately.

LOW PRIORITY

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Aniakchak			
Tract G	State of Alaska	5,147	fee
Tract C	Brandal, Alex, Jr.	10	esmt.
Tract D	Brandal, Alex, Jr.	150	esmt.
Denali			
Tracts FF 79301-2	Univ. of Alaska	22	min. int.
Tract F 034740 (includes other land not recom- mended for acq.)	State of Alaska (Application)	1,000	fee
Tract F 9215	Cole (Camp Denali)	55	esmt.
Tract FF 6085	Van Wickle homesite	5	esmt.
Tract F 20831	Ashbrook homesite (Kantishna Roadhouse)	5	esmt.
Tract F 34584	Hunter headquarters site (Eagle's Nest)	5	esmt.
Tract F 29984	Cole (Hawk's Nest)	4	esmt.
Tract F 12691	Cole (North Face Lodge)	5	esmt.
Gates of the Arctic			
Tract 2A	Zaccharius Hugo (Application)	80	esmt.
Tract 6	Lela Ahgook	160	esmt.
Tract 7	Noah Ahgook	160	esmt.
Tract 9	Ben Ahgook	80	esmt.
Tract 10	Elizabeth Paneak	80	esmt.
Tract 22	Lazarus Rulland	160	esmt.
Tract 24	Sarah Tobuk (Application)	160	esmt.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Gates of the Arctic (continued)			
Tract 26A	Raymond Paneak (Application)	80	esmt.
Tract 26B	Raymond Paneak (Application)	80	esmt.
Tract 29	Anna Hugo	160	esmt.
Tract 30	Ellen Hugo	160	esmt.
Tract 31	Harry Hugo	160	esmt.
Tract 34	Doris Hugo	160	esmt.
Tract 35A	Ethel Mekiana	80	esmt.
Tract 45	Mark Morry (Application)	80	esmt.
Tract 46	Johnny Rulland	160	esmt.
Tract 47	Joshua Rulland	160	esmt.
Glacier Bay			
01-113	McKee	399	fee
01-109	unknown	9	min. int.
Serial # AA007992	Jack Paul Brown (Application)	120	fee
Serial # AA007881	Elsie Wilson (Application)	160	fee
Katmai			
Tract G	Ronald Kihle Olga Malone	155 130	esmt. esmt.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Katmai (continued)			
Tract H	Irene Blatchford	161	esmt.
	Guy Groat III	100	esmt.
	Ruth Groat	140	esmt.
	Gerald Herrmann	80	esmt.
	Annie Monsen	160	esmt.
	Michael O'Neill	97	esmt.
	Pamela Peters	145	esmt.
	Muriel Reeves Zimin	120	esmt.
	Alex Trefon, Jr.	80	esmt.
	Barbara Ann Trefon	160	esmt.
	John Hiles	5	esmt.
	Diane Paddock	5	esmt.
Tract I	Trefon Anagasan	160	esmt.
	Anna Chukan	160	esmt.
Tract J	Paul Chukan	130	esmt.
Tract K	Zacker Chukwak	160	esmt.
Tract L	Katherine Able Setuk	130	esmt.
	Ida Apokedak	120	esmt.
	Nick Apokedak	160	esmt.
	Patricia Apokedak	40	esmt.
	Agnes Estrada	157	esmt.
	Andrew Gust	80	esmt.
	John Knutsen	160	esmt.
	Anisha McCormick	70	esmt.
	Barbara Peterson	160	esmt.
	Edwin Peterson	160	esmt.
	Anthony Tallekpalek	159	esmt.
	John Tallekpalek	158	esmt.
	Mary Tallekpalek	80	esmt.
	Alma Wilson	100	esmt.
	Annie Wilson	160	esmt.
	Bertha Wilson	70	esmt.
	Charles Wilson	155	esmt.
	William Wilson	160	esmt.
	Sassa Woods	40	esmt.
Tract M	Mary Olympic	30	esmt.
Klondike Gold Rush			
Tract 102-12A	Sivertsen	3	esmt.
Tract 102-12B	R. Hosford	2	esmt.
Tract 102-12C	F. Hosford	1	esmt.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Klondike Gold Rush (continued)			
Tract 102-19	Hunz	5	esmt.
Tract 102-20	Burnham	5	esmt.
Tract 102-21	M. Maggi	4	esmt.
Tract 102-35	Bousson	1	esmt.
Tract 102-36	Hanousek	5	esmt.
Tract 102-38	Elliott	6	esmt.
Tract 102-39	Burton	4	esmt.
Tract 102-26	Alexander	1	esmt.
Tract 102-27	Sullivan	3	esmt.
Tract 102-28	Greenstreet	4	esmt.

Lake Clark

Unpatented mining claims	Various	110 (Approx.)	fee*
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Noatak

Tract 8	Emily Monroe	30	esmt.
Tract 11	Clifton Jackson (Application)	35	esmt.
Tract 15	Clarence Allen, Sr.	12	esmt.
Tract 16	Leo Ferreira, Jr. (Application)	160	esmt.
Tract 17	Ida Richards	80	esmt.

*Validity determinations will be made on claims. Land protection on valid claims will be achieved through plans of operation where possible. Fee acquisition of claims will be sought where adequate protection cannot be achieved through plans of operation.

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Noatak (continued)			
Tract 18	Margaret Russel	26	esmt.
Tract 19	Ray Snyder	160	esmt.
Tract 20	Daisy Schaffer	160	esmt.
Tract 23	Bert Beltz, Jr.	40	esmt.
Tract 24	Bonnie Ferreira (Application)	160	esmt.
Tract 25	Minnie Smith	110	esmt.
Tract 26	Arlene Stevens	40	esmt.
Tract 28	Arlene Stevens	40	esmt.
Tract 29	Mae Schroyer Jacobson (Applic.)	80	esmt.
Tract 30	Sophie Ferguson	40	esmt.
Tract 31	Elsie Adams (Application)	40	esmt.
Tract 32	Donald Ferguson, Jr. (Application)	40	esmt.
Tract 35	Hattie Gregory (Application)	40	esmt.
Tract 37	Scotty Henry	160	esmt.
Tract 38	Mary E. Cross Anderson (Applic.)	40	esmt.

Sitka

Tract 01-111	City/Borough	1.61	min. estate
Tract 01-112	State of Alaska	47.92	min. estate

<u>Tract</u>	<u>Owner</u>	<u>Acres</u>	<u>Int.</u>
Wrangell-St. Elias			
Small Tracts - Chitna Valley (Copper River to Strelna)	Various	930	esmt.
N of Chitina, along Copper R.	Chitina Village, Inc.	87,892*	esmt. or fee
Small Tracts (2), Malaspina Glacier Forelands	Various	240	esmt.
Yukon-Charley Rivers			
Tract F 5789	Alluvial Golds, Inc.	233	esmt.
Tract FF 14487A*	Patricia Austin	40	none or esmt.
Tract F 1032*	Frank Miller	109	none or esmt.
Tract FF 9107A*	Horace D. Biederman	40	none or esmt.
Tract FF 13337B*	Elizabeth Martini	40	none or esmt.
Tract FF 17116C*	Bessie David	80	none or esmt.
Tract FF 14428A*	Caroline Johnson	80	none or esmt.

* Acquisition of an interest in these lands is recommended only if they are threatened with land use changes that would conflict with the purposes of the Preserve, and only if cooperative agreements would not protect the land adequately.

**Includes conveyed and selected lands. Not all lands selected are expected to be conveyed.

NOT RECOMMENDED FOR ACQUISITION

Aniakchak

State-owned submerged lands and tidelands (2,430 acres)

Bering Land Bridge

41 approved Native allotments (5,947 acres)

63 allotment applications (6,418 acres)

ANCSA 14(h)(1) cemetery and historical sites (34,392 acres)

Native corporation conveyances and selections (147,109 acres)

State-owned submerged lands and tidelands (87,554 acres)

Cape Krusenstern

Native allotments in Priority Groups 2, 3, and 4 (6,116 acres)

ANCSA 14(h)(1) cemetery and historical sites (5,930 acres)

Native corporation conveyances and selections in Priority Groups 1, 2, and 4 (108,038 acres)

Lands owned by State of Alaska (10,448 acres)

Denali

Various Native allotments (910 acres)

ANCSA 14(h)(1) cemetery and historical sites (815 acres)

Six small private tracts (33 acres)

Various patented mining claims, Dunkle Mine area (3,720 acres)

Various unpatented mining claims (4,920 acres)

Lands owned by State of Alaska:

Tract F 34740 (Application) (5,141 acres)*

Beds of Tokositna, Kantishna, and Muddy Rivers

Alaska Railroad right-of-way

George Parks Highway right-of-way

Mineral rights, Stampede Mine (University of Alaska)

* Tract includes additional 1,000 acres recommended for fee acquisition. See "Low Priority" list.

Gates of the Arctic

22 Native allotments (2,650 acres)

ANCSA 14(h)(1) cemetery and historical sites (10,694 acres)

Native corporation conveyances and selections (160,822 acres)

Unpatented mining claims (690 acres)

State-owned submerged lands (430 acres)

Glacier Bay

2 Native allotments (198 acres)

Unpatented mining claims (40 acres)

Katmai

Native corporation conveyances and selections (12,465 acres)

State-owned submerged land and tidelands

Kenai Fjords

ANCSA 14(h)(1) cemetery and historical sites (1000 acres, estimate)

State lands, Nuka Island and vicinity (19,255 acres)

State-owned submerged lands and tidelands (215 acres)

Unpatented mining claims (160 acres)

Klondike Gold Rush

Small tracts in Skagway Historical District (6 acres)

Kobuk Valley

85 small tracts, including Native allotments (7,510 acres)

ANCSA 14(h)(1) cemetery and historical sites (10,513 acres)

Native corporation, conveyed lands (9,187 acres)

Kobuk Valley (continued)

Native corporation selections (62,473 acres)*

State-owned submerged lands (10,596 acres)

Lake Clark

Small tracts (includes Native allotments) (6,254 acres)

ANCSA 14(h)(1) cemetery and historical sites (9,591 acres)

Native corporation selections and conveyances (491,558 acres)

State-owned submerged lands (96,478 acres)

Noatak

ANCSA 14(h)(1) cemetery and historical sites (47,252 acres)

Native corporation selections (288,717 acres)*

Sitka

Small privately-owned tract (.02 acres)

Wrangell-St. Elias

ANCSA 14(h)(1) cemetery and historical sites (57,400 acres)

Small tracts (858 acres)

State of Alaska (DNR: 80,101 acres; Univ. of AK: 8,200 acres)

Patented mining claims (1,180 acres)

Approximately 600 unpatented mining claims

* The land protection plan recommends that these selections be relinquished. Recommendations for protection will be developed in the future if the lands are conveyed.

Yukon-Charley Rivers

ANCSA 14(h)(1) cemetery and historical sites (13,800 acres applied for; not all will be conveyed.)

Native allotments and other small tracts not included in priority lists

Numerous mining claims, Yukon River corridor and tributary streams

State-owned submerged lands

APPENDIX D
SUBMERGED LANDS ACT REPORT

CRITERIA FOR ACQUISITION OF LANDS WITHIN
NATIONAL FOREST SERVICE CONSRVATION SYSTEM UNITS

FINAL

FEBRUARY 1990

USDA FOREST SERVICE
BOX 1628-02
JUNEAU, ALASKA

Criteria For Acquisition of Lands
Within National Forest Service Conservation System Units

Background

The Alaska National Interest Lands Conservation Act (ANILCA) established 16 Conservation System Units within the National Forest System. These include two National Monuments and 14 Wilderness areas. In addition several units in the National Trail System cross portions of the National Forests. Some 5.6 million acres of land are involved. About 36,000 acres of non-National Forest lands are located within the Conservation System Units. There are an additional 16.9 million acres of National Forest System land within Alaska which are not included in Conservation System Units.

All National Forest System lands, including those within Conservation System Units are included in Forest Land and Resource Management Plans which provide the following general direction for landownership adjustment:

"Achieve the optimum landownership pattern to provide for resource uses to meet the needs of the people now and in the future."

Management plans for Conservation System Units are a part of Forest Land and Resource Management Plans required by the National Forest Management Act and are being prepared for all Conservation System Units. Four of these plans are complete and eight are in draft form. Both the completed and draft plans are being incorporated in the revision of the Tongass Land Management Plan. (Three Wildernesses -- Coronation, Maurelle, and Warren Islands -- have been consolidated into one plan and the boundaries of two Wildernesses generally coincide with the two National Monuments.) The management direction for acquisition of non-Federal lands in these plans generally state the following:

"Private land ownership authorized under ANILCA may continue."

"Acquisition opportunities may be pursued in accordance with the provisions of ANILCA and other applicable law."

"Acquisitions will be handled on a willing seller/buyer basis as opportunities occur."

These plans identify neither individual parcels that are proposed for acquisition nor the priorities assigned to the non-Federal lands.

Priorities For Acquisition

To further identify the land acquisition needs within the Conservation System Units as well as to respond to the Submerged Lands Act of 1988, the USDA Forest Service classified each non-Federal parcel within a Conservation System Unit in one of four priorities for land acquisition. The priorities are: 1) high, 2) medium, 3) low, and 4) not desirable for acquisition. These priorities are based on resources, public access, use for subsistence activities and

management considerations. The resource criterion is based on the physical qualities of the parcel of land. The public purposes criterion is related to the degree the parcel controls public access to Federal lands within the Conservation System Units. The subsistence criterion is based on the intensity of subsistence activities and the number of communities using the parcel. The management criterion is based on the threat of development that will hinder management of the Conservation System Units.

The following are the criteria applicable to Conservation System Units on the National Forests:

Resources

High - Outstanding natural values which contribute significantly to the purposes for which the unit was established. These values are very scarce elsewhere in the unit.

Medium - High natural values which contribute to the purposes for which the unit was established. These values are present elsewhere in the unit, but are not abundant.

Low - Has natural values which contribute to the purposes for which the unit was established. These values are abundant elsewhere in the unit.

Public Purposes

High - Tract controls public access to relatively a large area of the unit and alternative access is unavailable.

Medium - Tract controls public access to relatively a large area of the unit and alternative access is limited.

Low - Tract does not control public access to relatively a large area of the unit and alternative access is available.

Subsistence Uses

High - Tract used for several subsistence activities by households from numerous communities.

Medium - Tract used for several subsistence activities by households from several communities.

Low - Tract used for subsistence activities by households from a few communities.

Management

High - Land is suitable for development which is inconsistent with the purposes for which the unit was established and there is an imminent threat of development for private use detrimental to large areas of the unit.

Medium - Land is suitable for development which is inconsistent with the purposes for which the unit was established and there is an imminent threat of development for public use which would be detrimental to the unit.

Low - Land is either suitable or not suitable for development which is inconsistent with the purposes for which the unit was established and there is no imminent threat of development.

Not Desirable

Some non-Federal lands within the Conservation System Units were considered for acquisition and were classified as Not Desirable. These parcels meet one or more of the following criteria: 1) existing and planned land uses are consistent with legislative direction for the unit, 2) lands are managed under statutory direction consistent with the purposes for which the unit is established, 3) lands are cemetery and historic sites conveyed under the provisions of ANCSA, and 4) lands are adjacent to established villages which are needed for current and anticipated community purposes. However lands in this category may be considered for acquisition on a case by case basis if conflicts occur with the purposes for which the Conservation System Unit was established.

Process to Establish Priorities

Each parcel of non-Federal land was judged against the criteria and existing inventory data by field personnel most familiar with the non-Federal land involved. Tracts were classified based on the individual criteria ratings and an overall summary rating was assigned. The resulting priorities are subject to adjustment on a periodic basis. Adjustments will normally occur when land management plans are updated or when USDA Forest Service personnel become aware of changed circumstances affecting the parcel.

NATIONAL FOREST SYSTEM
CONSERVATION SYSTEM UNIT
LAND ACQUISITION PRIORITIES

JANUARY, 1990

TOTAL AREA - ALL CONSERVATION SYSTEM UNITS: 5,676,830 ACRES

Priorities For Acquisition
(Acres)

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
STATE LAND	730.00	365.00			365.00
NATIVE & NATIVE CORPORATIONS *	31,086.16	6,110.00	16,963.01		8,013.15
OTHER OWNERSHIPS	4,546.79	386.87	1,652.89	1,580.58	926.45
TOTAL	36,362.95	6,861.87	18,615.90	1,580.58	9,304.60

ADMIRALTY

TOTAL AREA - WILDERNESS/MONUMENT: 987,971 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
State Land	365.00				365.00
Natives & Native Corporations *	30,936.11	6,110.00	16,963.01		7,863.10
Other ownerships	<u>1,381.40</u>	<u>355.17</u>	<u>739.02</u>	<u>7.88</u>	<u>279.33</u>
Total	32,682.51	6,465.17	17,702.03	7.88	8,507.43

TOTAL AREA (AMIRALTY, NON-WILDERNESS): 18,407 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
Other ownerships	82.28			82.28	
GRAND TOTAL	32,764.79	6,465.17	17,702.03	90.16	8,507.43

ADMIRALTY NATIONAL MONUMENT/WILDERNESS

* Includes 241 acres of Native allotments in four separate parcels.

CORONATION ISLAND

TOTAL AREA 19,232 ACRES

No private inholdings

ENDICOTT RIVER

TOTAL AREA 98,729 ACRES

No private inholdings

MAURELLE ISLANDS

TOTAL AREA 4,937 ACRES

No private inholdings

MISTY FIORDS

TOTAL AREA - WILDERNESS/MONUMENT: 2,142,907 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
Natives & Native Corporations	48.00				48.00
Other ownerships	<u>587.49</u>	<u>19.00</u>	<u>568.49</u>		
TOTAL	635.49	19.00	568.49		<u>48.00</u>

MISTY FIORDS - NON-WILDERNESS

TOTAL AREA - NON-WILDERNESS: 151,832 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
Other ownerships	<u>647.12</u>				<u>647.12</u>
TOTAL	647.12				647.12
GRAND TOTALS OF MISTY FIORDS NATIONAL MONUMENT/WILDERNESS AREA	1,282.61	19.00	568.49		695.12

PETERSBURG CREEK-DUNCAN SALT CHUCK

TOTAL AREA 46,849 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
Other ownerships	<u>78.16</u>			<u>78.16</u>	
TOTAL	78.16			78.16	

RUSSELL FIORDS

TOTAL AREA 348,701 ACRES

No private inholdings

SOUTH BARANOF

TOTAL AREA 319,568 ACRES

No private inholdings

SOUTH PRINCE OF WALES

TOTAL AREA 91,018 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
Natives & Native Corporations	36.35				36.35
Other ownerships	<u>7.75</u>		<u>7.75</u>		
TOTAL	44.10		7.75		36.35

STIKINE - LECONTE

TOTAL AREA 449,951 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
Other ownerships	<u>1,025.09</u>		<u>256.03</u>	<u>769.06</u>	
TOTALS	1,025.09		256.03	769.06	

WEST CHICHAGOF - YAKOBI

TOTAL AREA 265,529 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
State Land	365.00	365.00			
Natives & Native Corporations	30.00				30.00
Other ownerships	<u>737.50</u>	<u>12.70</u>	<u>81.60</u>	<u>643.20</u>	
TOTALS	1,132.50	377.70	81.60	643.20	<u>30.00</u>

TEBENKOF BAY

TOTAL AREA 66,839 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
Natives & Native Corporations	29.80				29.80
TOTALS	<u>29.80</u>				<u>29.80</u>

TRACY ARM-FORDS TERROR

TOTAL AREA 653,179 ACRES

<u>Description</u>	<u>Acreage</u>	<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
Natives & Native Corporations	5.90				5.90
TOTALS	<u>5.90</u>				<u>5.90</u>

WARREN ISLAND

TOTAL AREA 11,181 ACRES

None

NATIONAL RECREATION TRAILS

TOTAL MILEAGE 49.6 MILES

<u>Trail Name</u>	<u>Total Mileage</u>	<u>Priorities For Acquisition</u>			
		<u>(Miles)</u>			
		<u>High</u>	<u>Medium</u>	<u>Low</u>	<u>Not Desirable</u>
Crane Lake	0.3		none		
Deer Mountain) John Mountain)	9.0		none		
Mt. Edgecumbe	6.7		none		
Naha	6.3		0.1		
Petersburg Crk	10.5		none		
Resurrection River	16.0		none		
Williwaw	<u>0.8</u>		<u>none</u>		
Totals	49.6	0	0.1	0	0



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